

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078679.D
 Acq On : 28 Jul 2023 12:24
 Operator : JC\MD
 Sample : VN0728WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Quant Time: Jul 29 00:45:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	819421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1366784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1173491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	461977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	484232	44.080	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.160%
35) Dibromofluoromethane	8.177	113	438348	47.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	10.571	98	1599893	45.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.300%
62) 4-Bromofluorobenzene	12.853	95	532054	49.282	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	207563	20.660	ug/l	96
3) Chloromethane	2.371	50	212303	19.442	ug/l	98
4) Vinyl Chloride	2.518	62	196290	13.896	ug/l	96
5) Bromomethane	2.954	94	259027	26.671	ug/l	98
6) Chloroethane	3.118	64	119247	12.515	ug/l	97
7) Trichlorofluoromethane	3.501	101	321062	19.014	ug/l	98
8) Diethyl Ether	3.971	74	113587	20.190	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.383	101	175403	19.623	ug/l	94
10) Methyl Iodide	4.595	142	261739	21.309	ug/l	94
11) Tert butyl alcohol	5.536	59	182199	107.559	ug/l	99
12) 1,1-Dichloroethene	4.348	96	171608	19.847	ug/l	90
13) Acrolein	4.189	56	164014	98.411	ug/l	97
14) Allyl chloride	5.036	41	265341	22.458	ug/l	86
15) Acrylonitrile	5.730	53	465355	108.728	ug/l	99
16) Acetone	4.442	43	412584	120.572	ug/l	98
17) Carbon Disulfide	4.724	76	475227	19.007	ug/l	98
18) Methyl Acetate	5.036	43	305643	21.100	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	569905	20.005	ug/l	97
20) Methylene Chloride	5.289	84	213532	21.047	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	192694	19.777	ug/l #	82
22) Diisopropyl ether	6.683	45	581297	21.973	ug/l #	88
23) Vinyl Acetate	6.618	43	1783113	106.022	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	367331	20.606	ug/l	97
25) 2-Butanone	7.494	43	612493	113.708	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	302741	20.764	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	225575	20.013	ug/l	92
28) Bromochloromethane	7.824	49	186967	22.268	ug/l	87
29) Tetrahydrofuran	7.847	42	382735	108.287	ug/l #	83
30) Chloroform	7.977	83	369712	19.921	ug/l	91
31) Cyclohexane	8.265	56	305531	20.580	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	322769	19.398	ug/l	100
36) 1,1-Dichloropropene	8.377	75	274103	20.460	ug/l	97
37) Ethyl Acetate	7.571	43	232772	20.843	ug/l	98
38) Carbon Tetrachloride	8.365	117	292386	20.081	ug/l	95
39) Methylcyclohexane	9.612	83	258872	21.170	ug/l #	88
40) Benzene	8.612	78	845530	21.304	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	127339	22.367	ug/l	92
42) 1,2-Dichloroethane	8.683	62	268609	19.897	ug/l	99
43) Isopropyl Acetate	8.700	43	423070	23.010	ug/l #	93
44) Trichloroethene	9.359	130	205875	19.246	ug/l	98
45) 1,2-Dichloropropane	9.630	63	223410	22.225	ug/l	100
46) Dibromomethane	9.718	93	145254	20.530	ug/l	90
47) Bromodichloromethane	9.894	83	285105	20.103	ug/l	99
48) Methyl methacrylate	9.688	41	179050	21.020	ug/l #	84
49) 1,4-Dioxane	9.706	88	77587	417.658	ug/l	87
51) 4-Methyl-2-Pentanone	10.453	43	1195608	109.323	ug/l	96
52) Toluene	10.635	92	515842	20.971	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	301747	20.768	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	342613	22.122	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	203400	20.987	ug/l	97
56) Ethyl methacrylate	10.882	69	296291	21.870	ug/l #	87
57) 1,3-Dichloropropane	11.171	76	338553	20.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	492896	102.089	ug/l	90
59) 2-Hexanone	11.200	43	867196	111.570	ug/l	95
60) Dibromochloromethane	11.365	129	216285	20.215	ug/l	99
61) 1,2-Dibromoethane	11.476	107	207885	20.822	ug/l	97
64) Tetrachloroethene	11.112	164	170861	19.366	ug/l	95
65) Chlorobenzene	11.900	112	532265	20.292	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	206743	20.488	ug/l	99
67) Ethyl Benzene	11.971	91	924897	20.860	ug/l	98
68) m/p-Xylenes	12.076	106	695342	42.417	ug/l	95
69) o-Xylene	12.406	106	339533	20.506	ug/l	95
70) Styrene	12.418	104	543053	20.964	ug/l	98
71) Bromoform	12.582	173	145067	21.227	ug/l #	100
73) Isopropylbenzene	12.700	105	849339	19.566	ug/l	99
74) N-amyl acetate	12.500	43	291726	19.501	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	288754	22.087	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	341332	30.567	ug/l	71
77) Bromobenzene	12.988	156	197081	19.948	ug/l	96
78) n-propylbenzene	13.041	91	935183	20.144	ug/l	100
79) 2-Chlorotoluene	13.129	91	619010	20.357	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	715681	20.866	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	86937	20.459	ug/l	96
82) 4-Chlorotoluene	13.229	91	574195	20.242	ug/l	99
83) tert-Butylbenzene	13.447	119	569879	19.570	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	681366	20.452	ug/l	100
85) sec-Butylbenzene	13.623	105	718275	19.514	ug/l	98
86) p-Isopropyltoluene	13.735	119	594185	20.104	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	323366	19.404	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	309324	18.428	ug/l	97
89) n-Butylbenzene	14.065	91	435851	20.611	ug/l	98
90) Hexachloroethane	14.341	117	116667	21.004	ug/l	78
91) 1,2-Dichlorobenzene	14.112	146	321791	19.403	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43227	19.635	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	83021	15.685	ug/l	98
94) Hexachlorobutadiene	15.506	225	68724	22.851	ug/l	97
95) Naphthalene	15.647	128	240613	13.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	97644	16.044	ug/l	98

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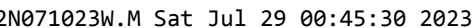
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

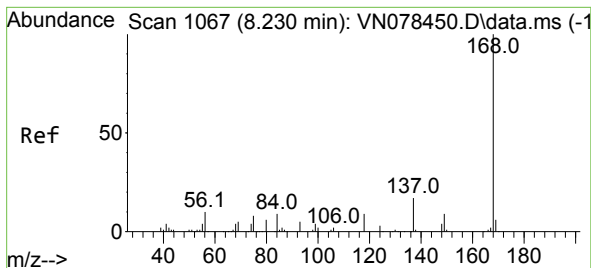
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QLast Update : Mon Jul 10 16:13:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. 0.006 min

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ClientSampleId :

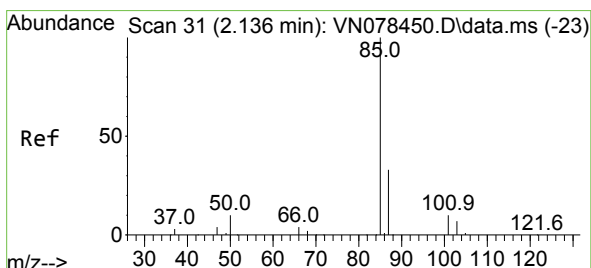
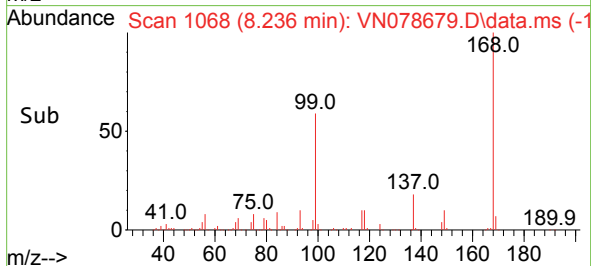
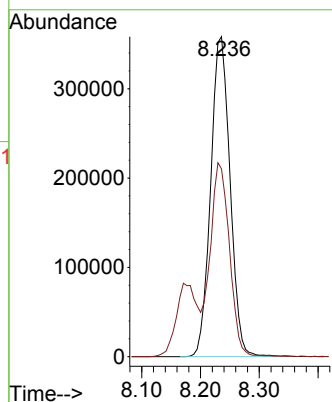
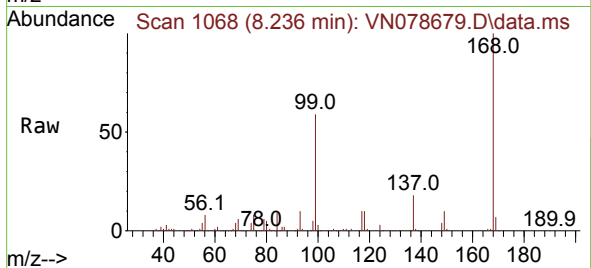
VN0728WBS01

Tgt Ion:168 Resp: 819421

Ion Ratio Lower Upper

168 100

99 58.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 20.660 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078679.D

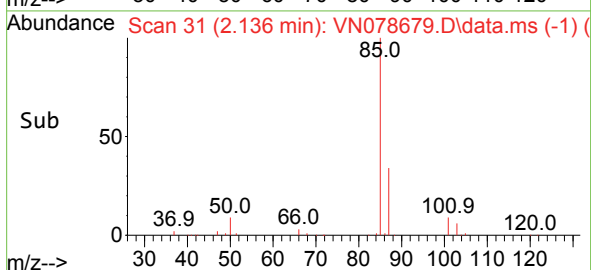
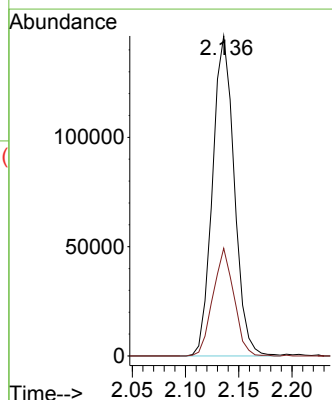
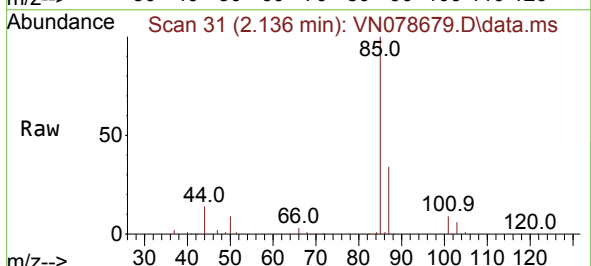
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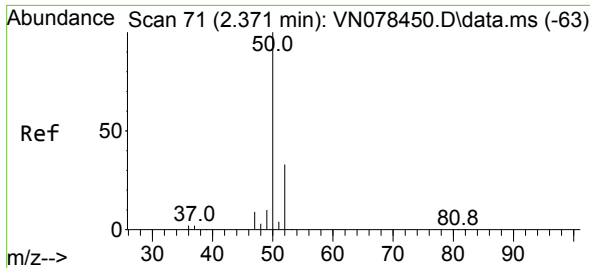
Tgt Ion: 85 Resp: 207563

Ion Ratio Lower Upper

85 100

87 33.6 15.8 47.4

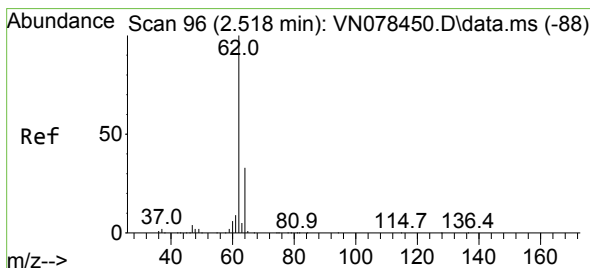
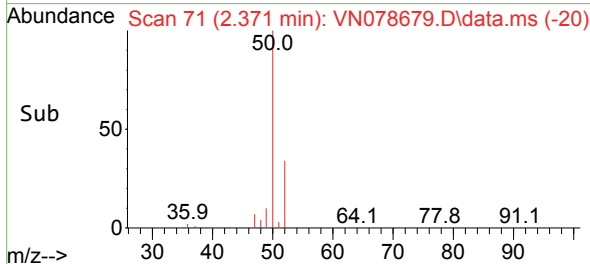
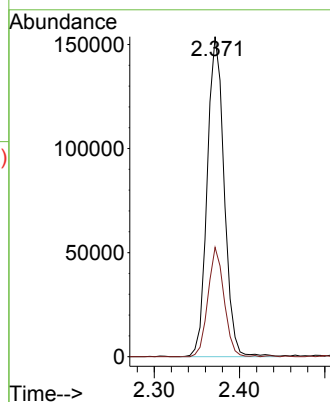
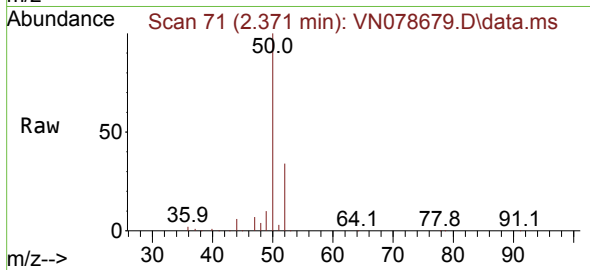




#3
Chloromethane
Concen: 19.442 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078679.D
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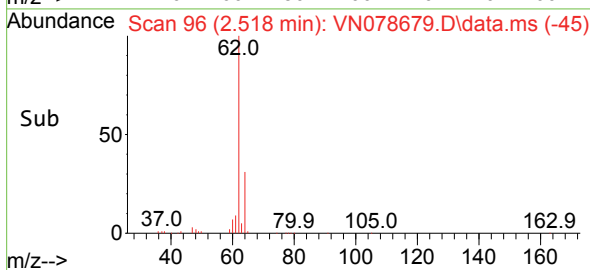
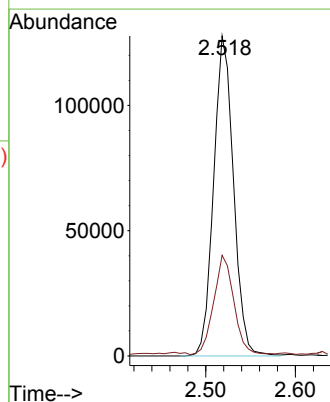
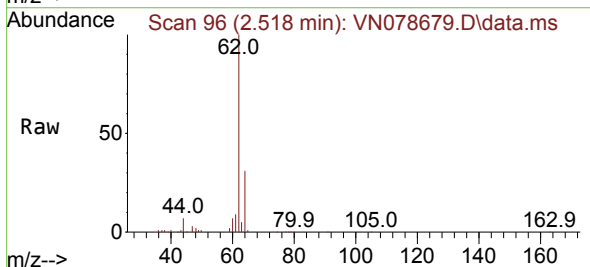
Instrument :
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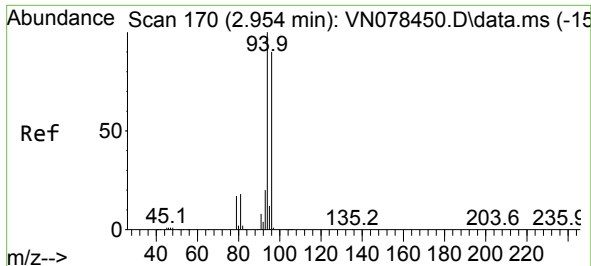
Tgt Ion: 50 Resp: 212303
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



#4
Vinyl Chloride
Concen: 13.896 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 62 Resp: 196290
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2

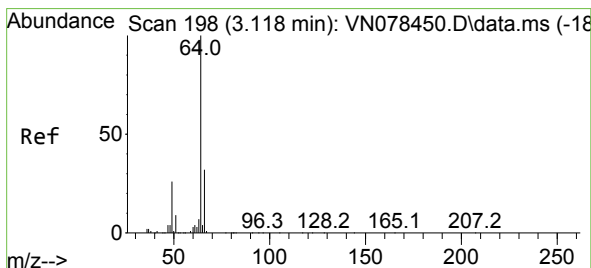
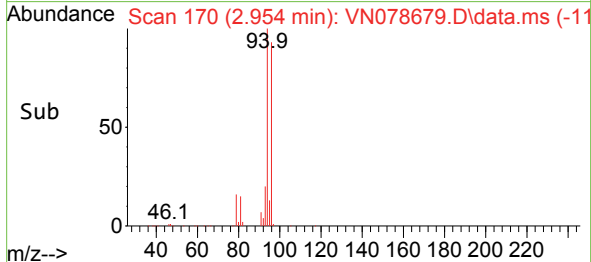
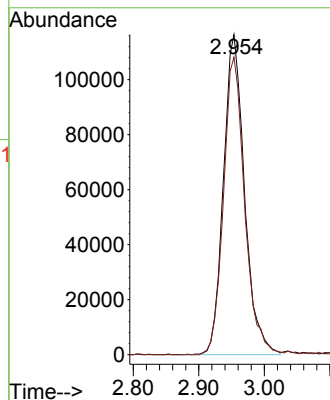
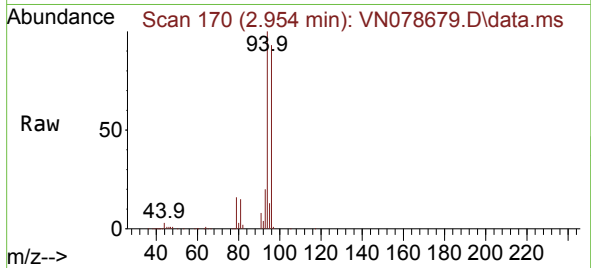




#5
Bromomethane
Concen: 26.671 ug/l
RT: 2.954 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

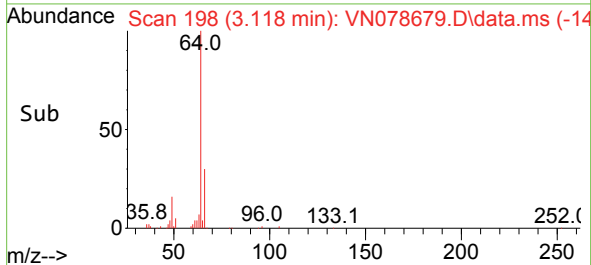
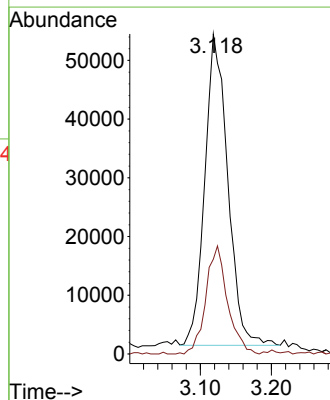
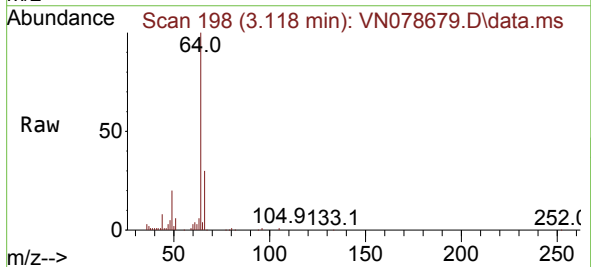
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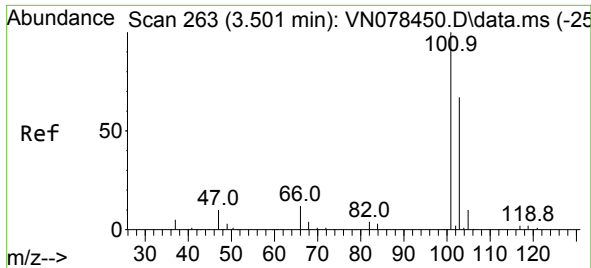
Tgt Ion: 94 Resp: 259027
Ion Ratio Lower Upper
94 100
96 93.0 73.1 109.7



#6
Chloroethane
Concen: 12.515 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 64 Resp: 119247
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.2

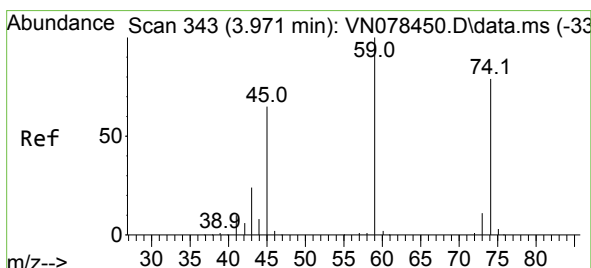
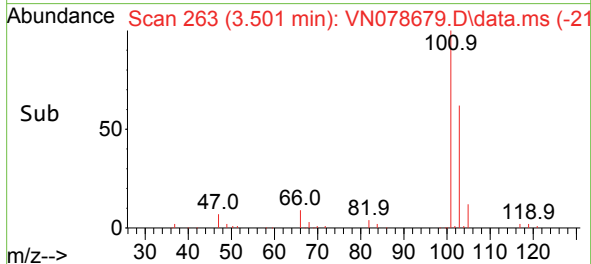
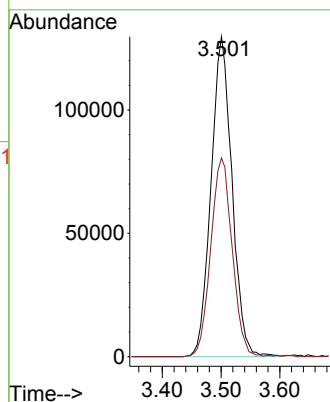
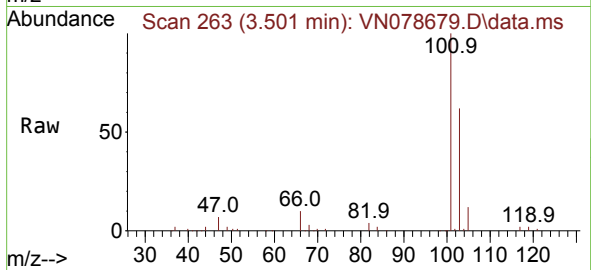




#7
 Trichlorofluoromethane
 Concen: 19.014 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

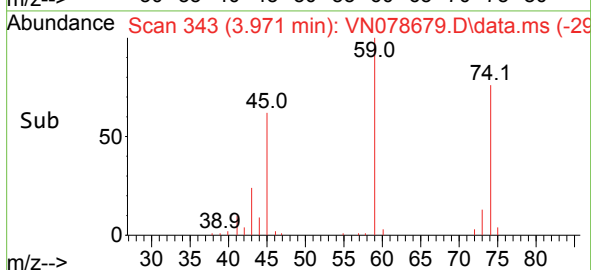
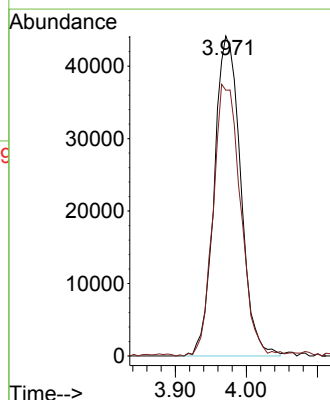
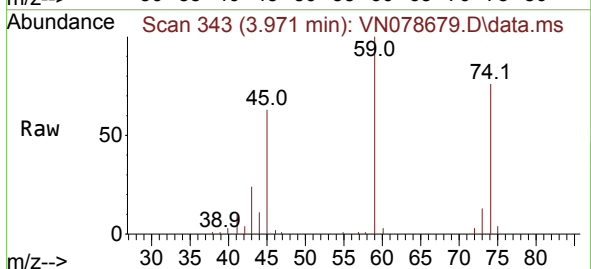
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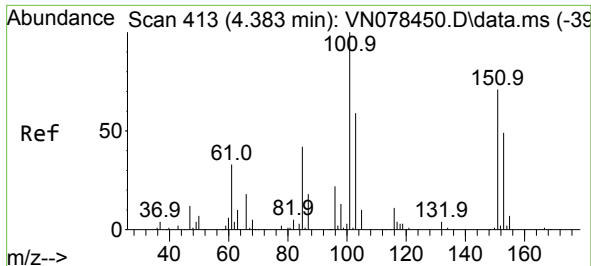
Tgt Ion:101 Resp: 321062
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.190 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 113587
 Ion Ratio Lower Upper
 74 100
 45 88.9 34.4 103.3

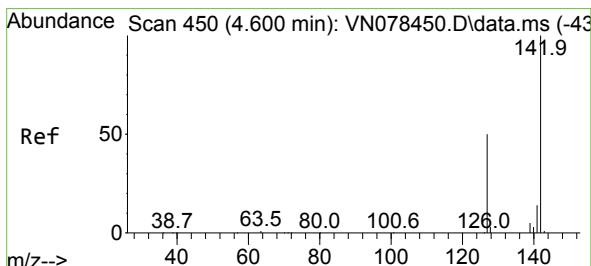
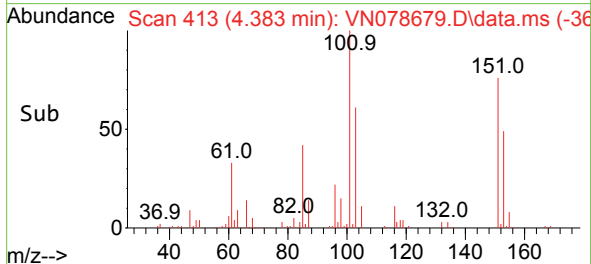
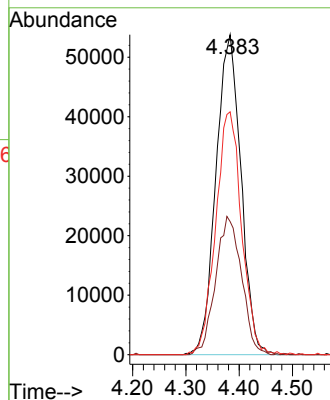
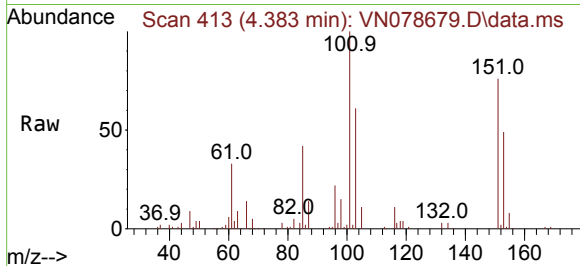




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.623 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

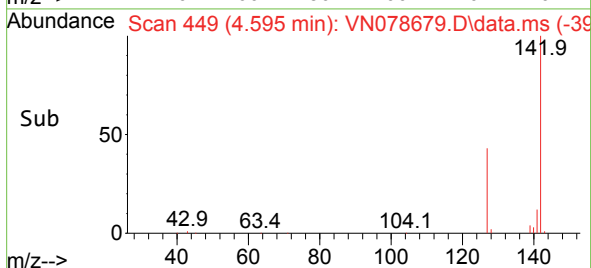
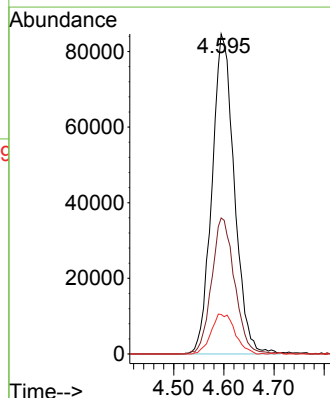
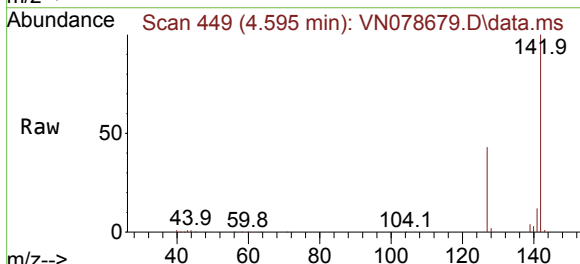
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

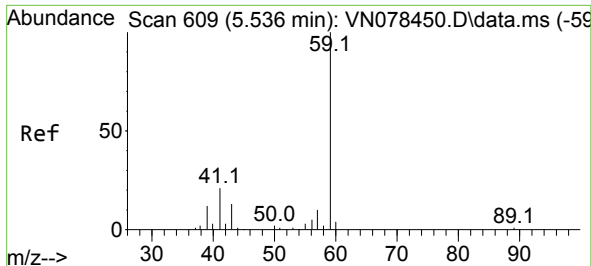
Tgt Ion:101 Resp: 175403
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 78.7 57.6 86.4



#10
Methyl Iodide
Concen: 21.309 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion:142 Resp: 261739
Ion Ratio Lower Upper
142 100
127 42.5 37.6 56.4
141 12.4 11.4 17.0

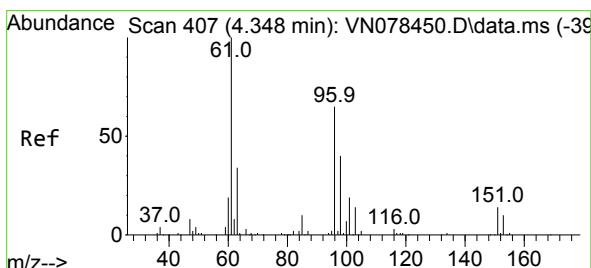
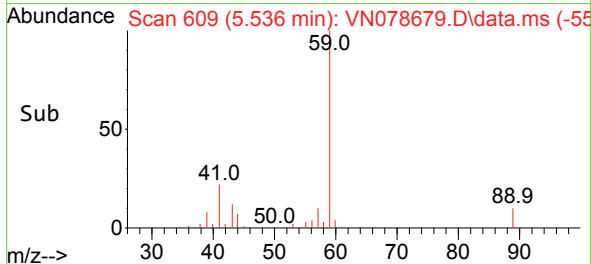
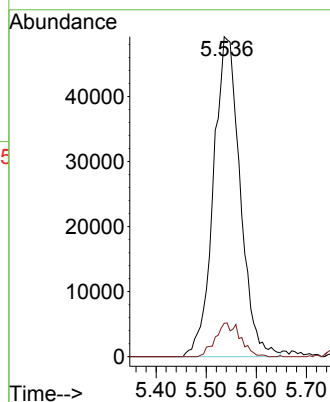
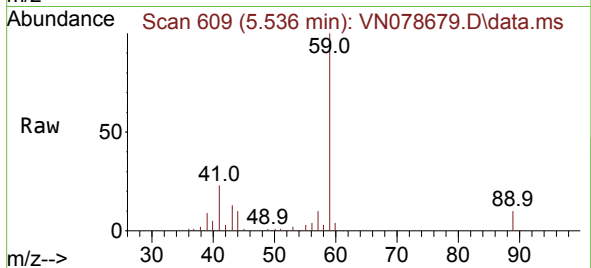




#11
Tert butyl alcohol
Concen: 107.559 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

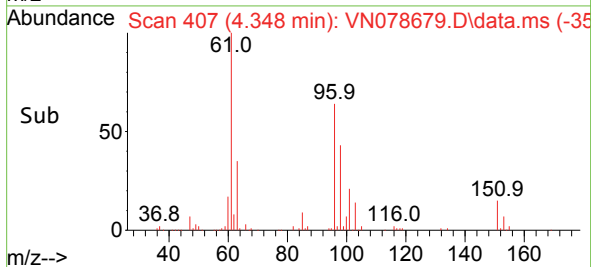
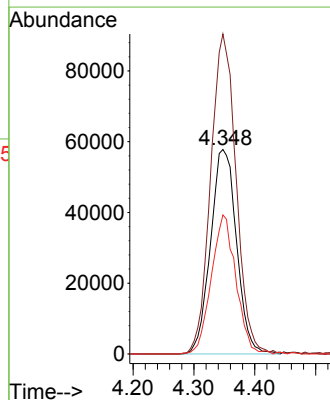
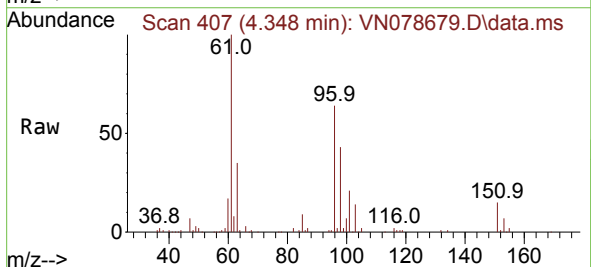
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

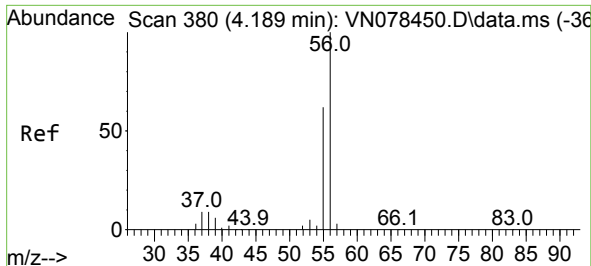
Tgt Ion: 59 Resp: 182199
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.847 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 96 Resp: 171608
Ion Ratio Lower Upper
96 100
61 156.5 112.7 169.1
98 68.0 51.2 76.8





#13

Acrolein

Concen: 98.411 ug/l

RT: 4.189 min Scan# 380

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

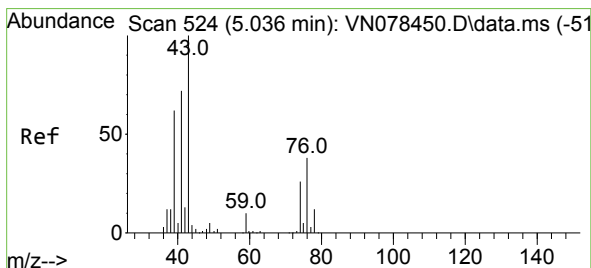
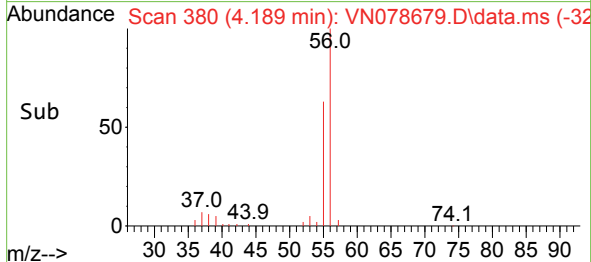
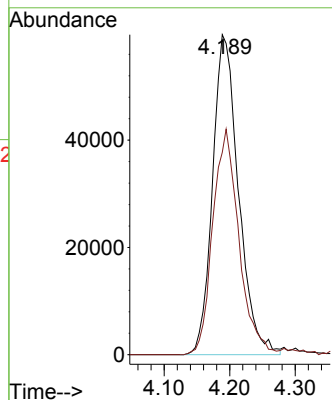
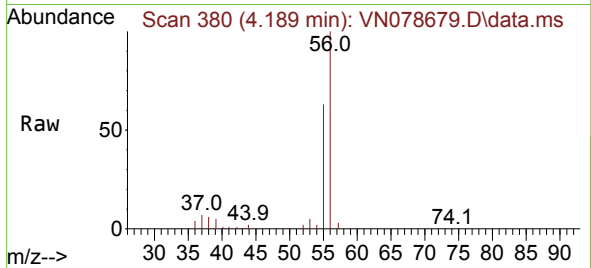
VN0728WBS01

Tgt Ion: 56 Resp: 164014

Ion Ratio Lower Upper

56 100

55 70.9 54.5 81.7



#14

Allyl chloride

Concen: 22.458 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

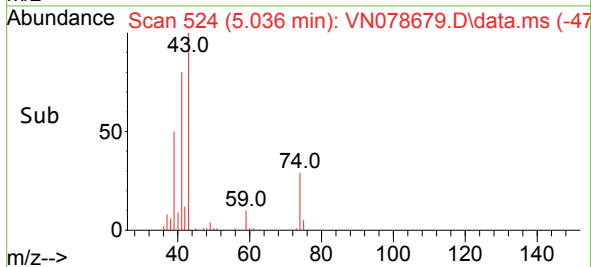
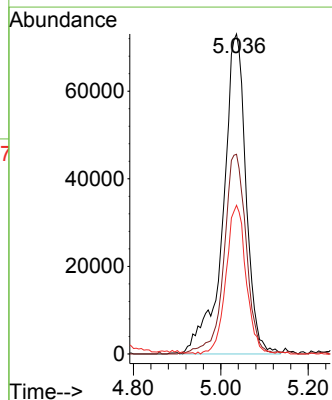
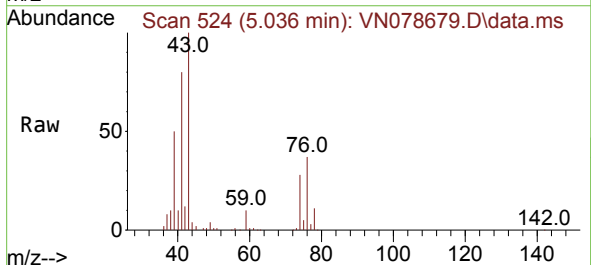
Tgt Ion: 41 Resp: 265341

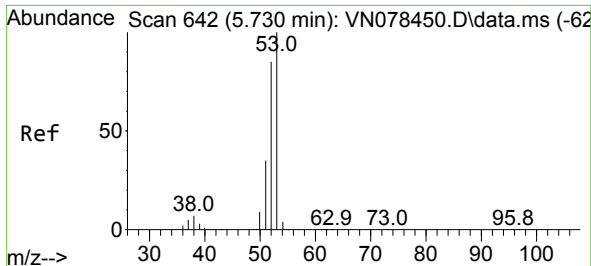
Ion Ratio Lower Upper

41 100

39 60.4 58.8 88.2

76 40.9 39.1 58.7

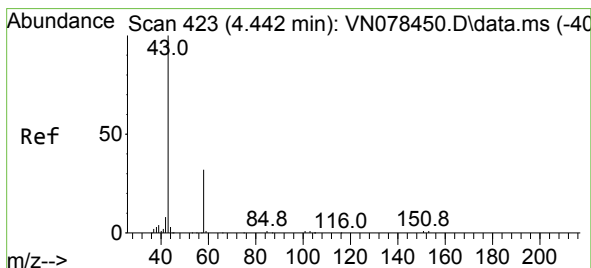
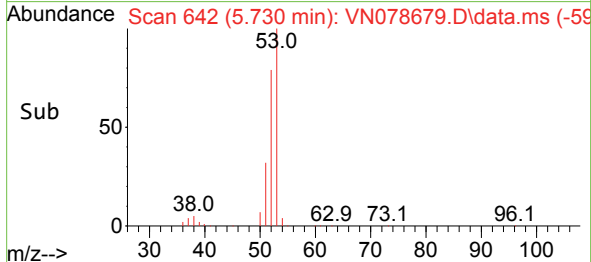
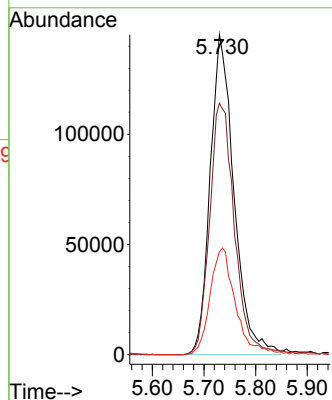
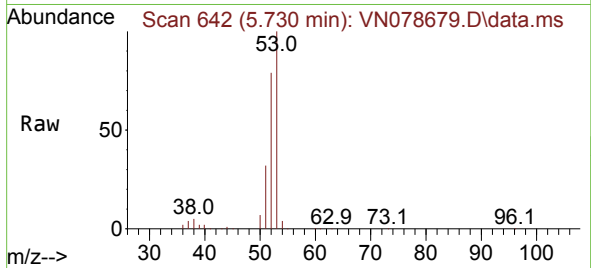




#15
Acrylonitrile
Concen: 108.728 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

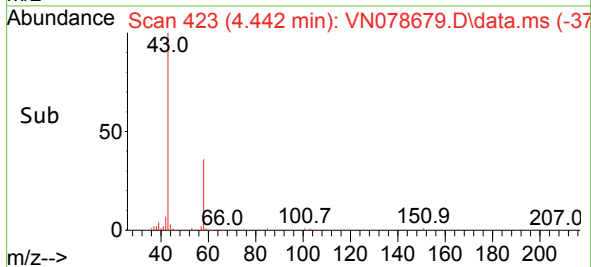
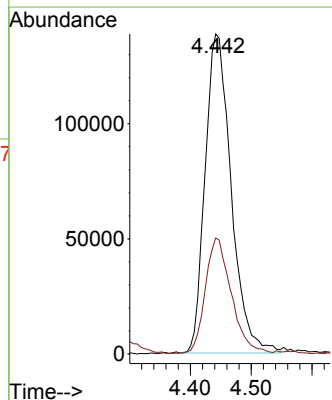
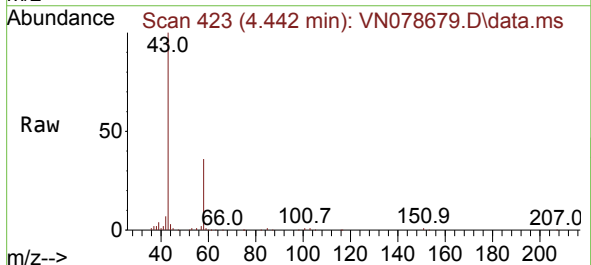
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

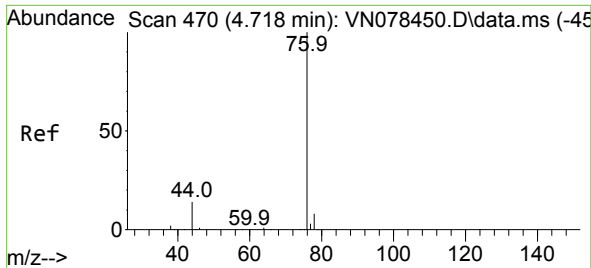
Tgt Ion: 53 Resp: 465355
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 35.4 28.9 43.3



#16
Acetone
Concen: 120.572 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 43 Resp: 412584
Ion Ratio Lower Upper
43 100
58 36.1 28.0 42.0





#17

Carbon Disulfide

Concen: 19.007 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

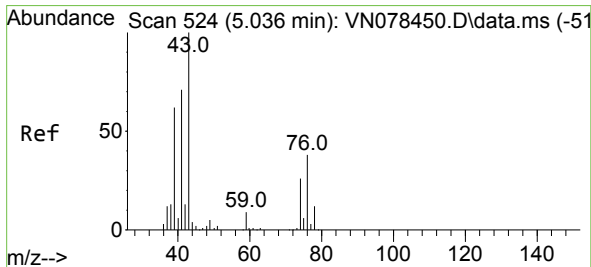
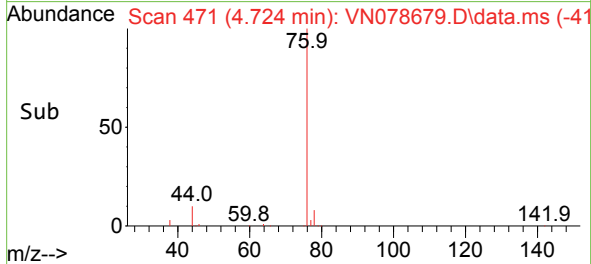
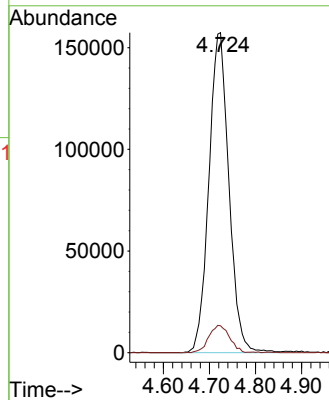
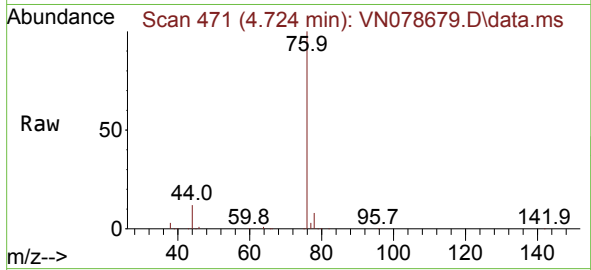
VN0728WBS01

Tgt Ion: 76 Resp: 475227

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0



#18

Methyl Acetate

Concen: 21.100 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078679.D

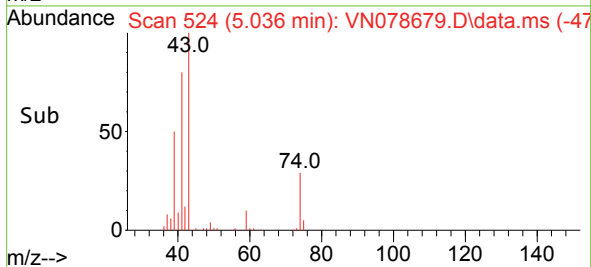
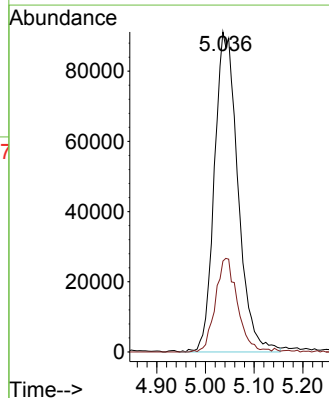
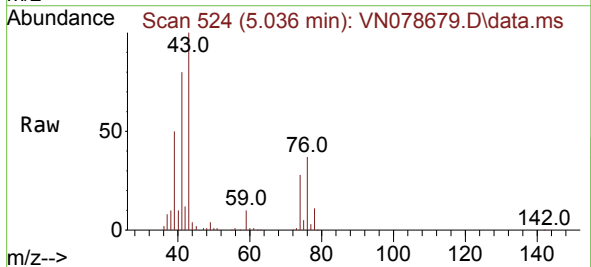
Acq: 28 Jul 2023 12:24

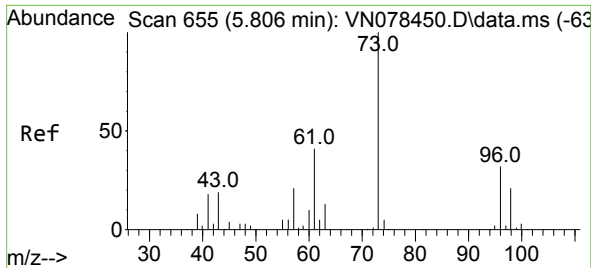
Tgt Ion: 43 Resp: 305643

Ion Ratio Lower Upper

43 100

74 27.6 26.2 39.4

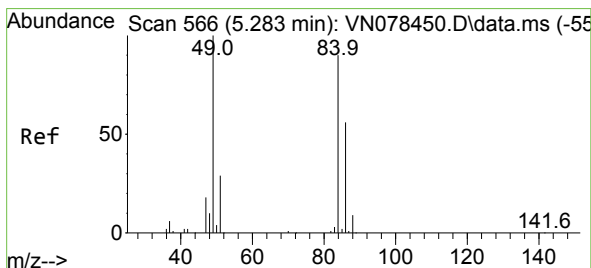
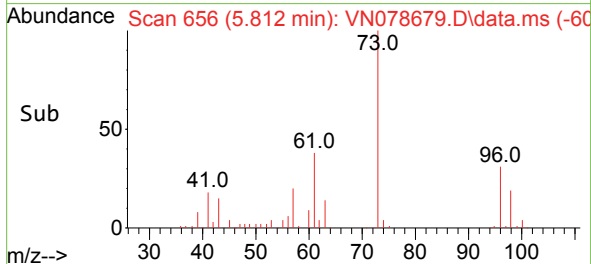
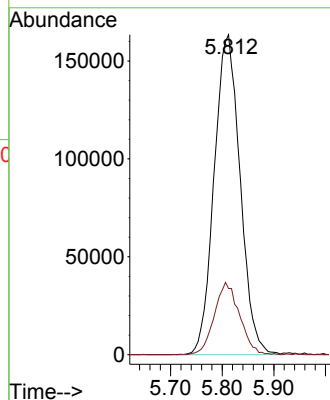
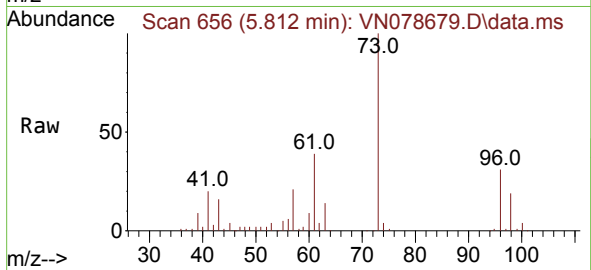




#19
Methyl tert-butyl Ether
Concen: 20.005 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

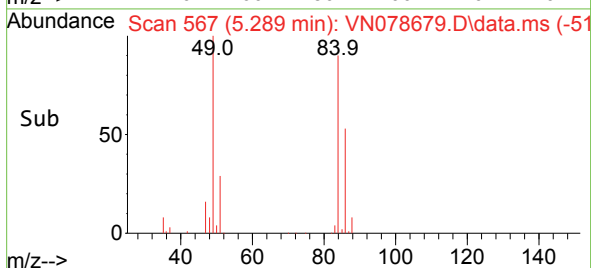
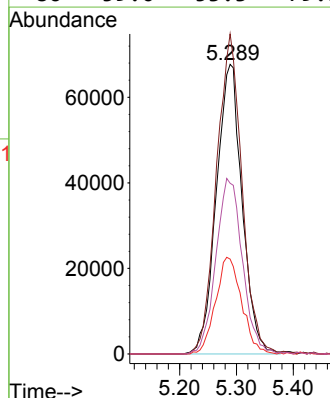
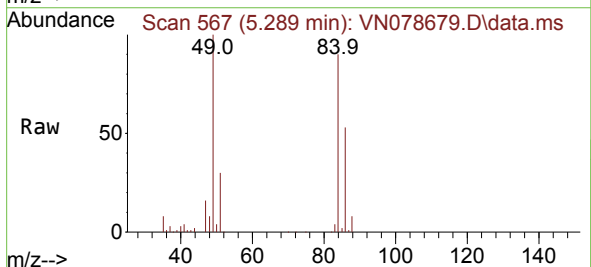
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

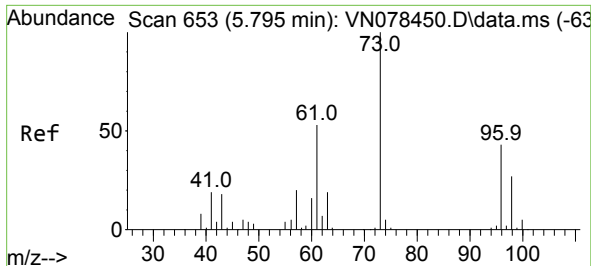
Tgt Ion: 73 Resp: 569905
Ion Ratio Lower Upper
73 100
57 20.7 15.6 23.4



#20
Methylene Chloride
Concen: 21.047 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 84 Resp: 213532
Ion Ratio Lower Upper
84 100
49 110.5 79.7 119.5
51 32.8 25.2 37.8
86 59.0 53.3 79.9

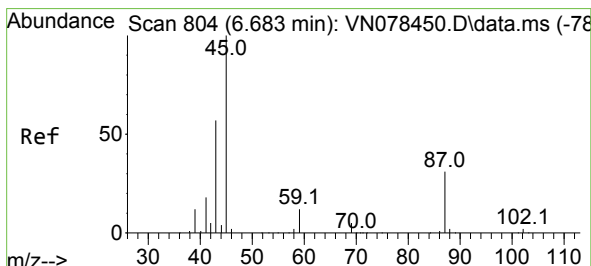
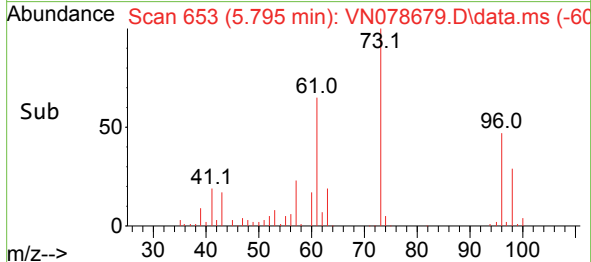
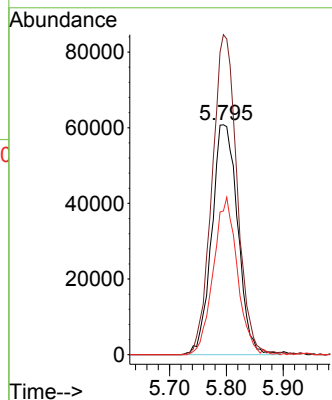
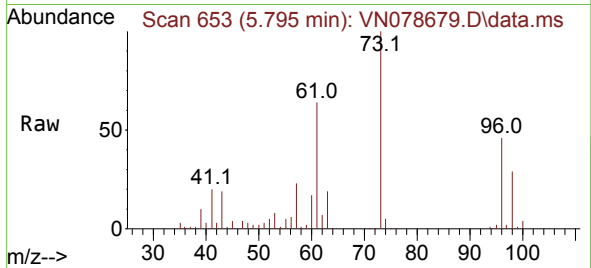




#21
trans-1,2-Dichloroethene
Concen: 19.777 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

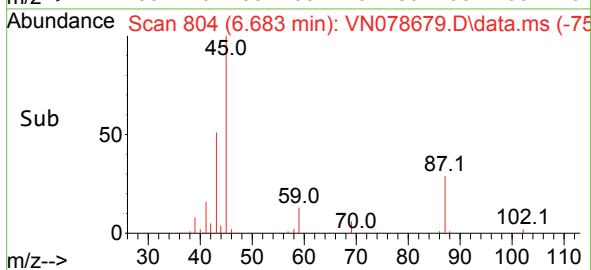
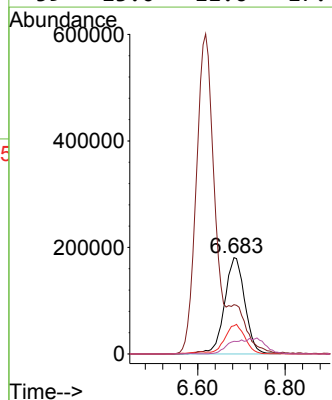
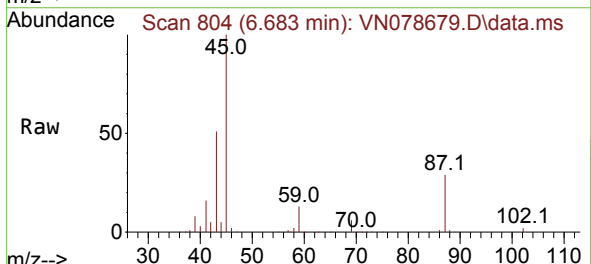
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

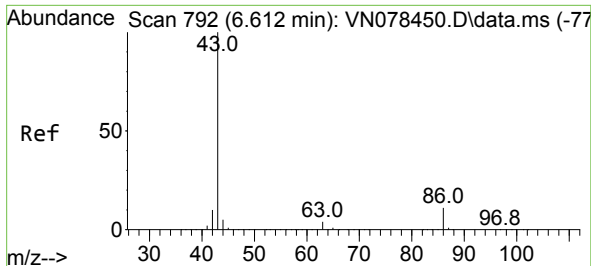
Tgt Ion: 96 Resp: 192694
Ion Ratio Lower Upper
96 100
61 139.2 90.1 135.1#
98 62.5 46.4 69.6



#22
Diisopropyl ether
Concen: 21.973 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 45 Resp: 581297
Ion Ratio Lower Upper
45 100
43 49.7 45.5 68.3
87 29.0 31.8 47.8#
59 13.0 11.6 17.4

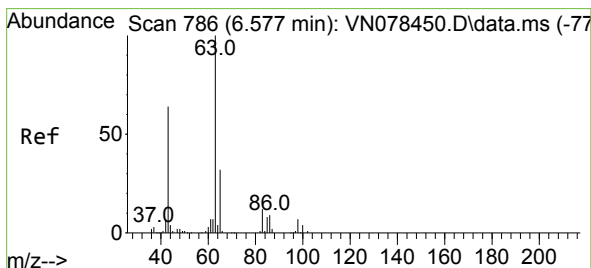
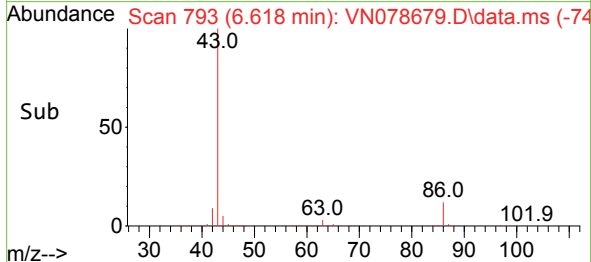
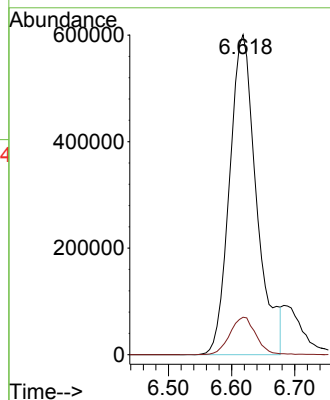
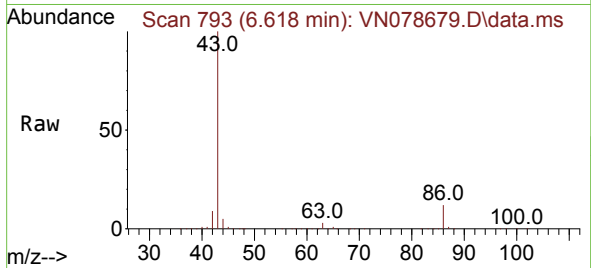




#23
 Vinyl Acetate
 Concen: 106.022 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

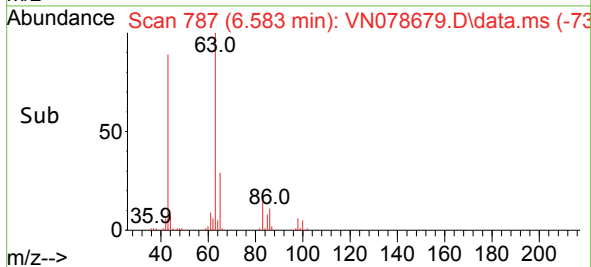
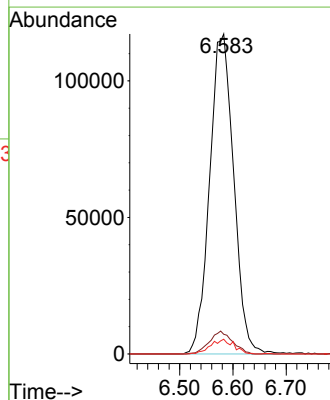
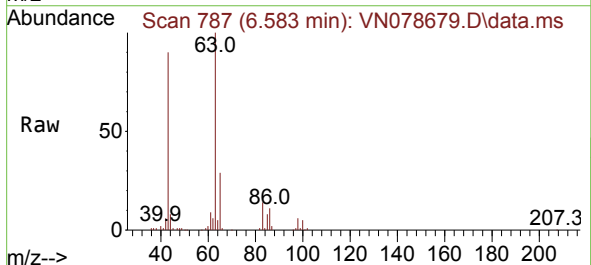
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

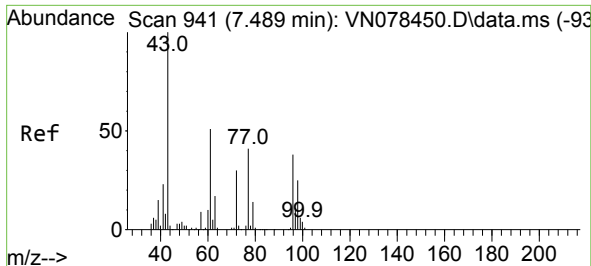
Tgt Ion: 43 Resp: 1783113
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.606 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

Tgt Ion: 63 Resp: 367331
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.6 2.5 7.4

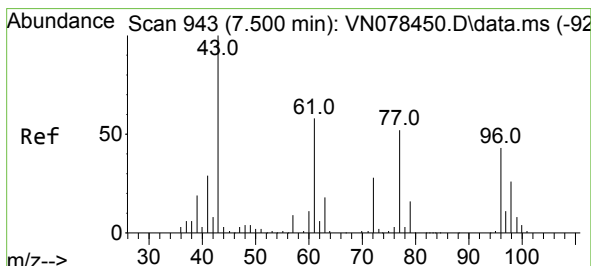
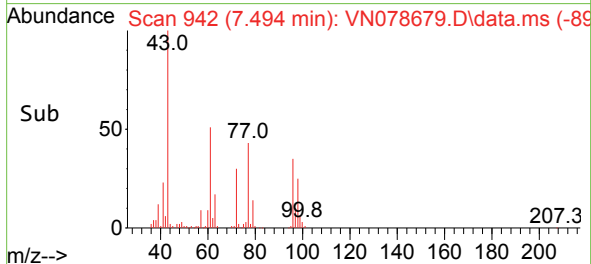
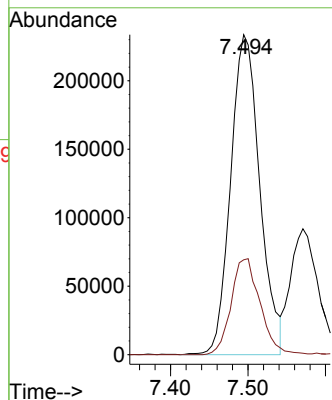
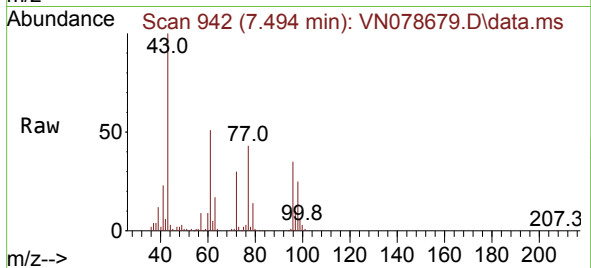




#25
2-Butanone
Concen: 113.708 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

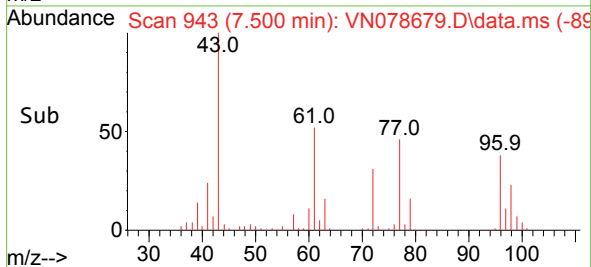
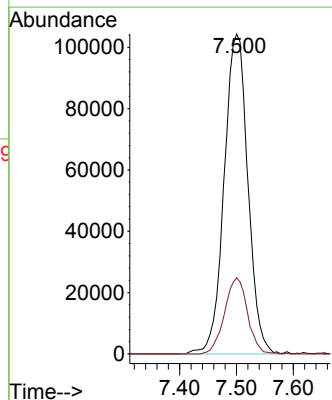
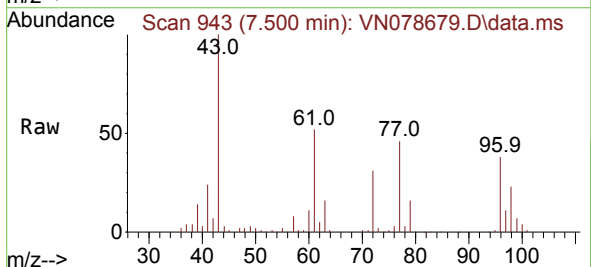
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

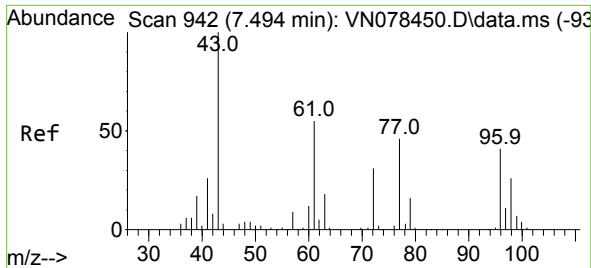
Tgt Ion: 43 Resp: 612493
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.764 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 77 Resp: 302741
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6

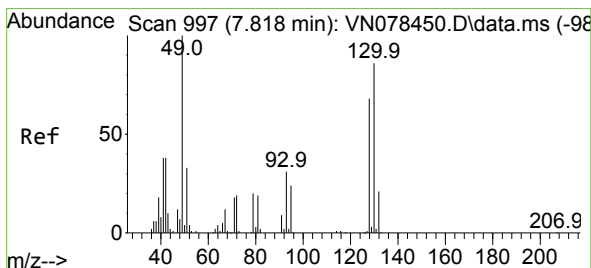
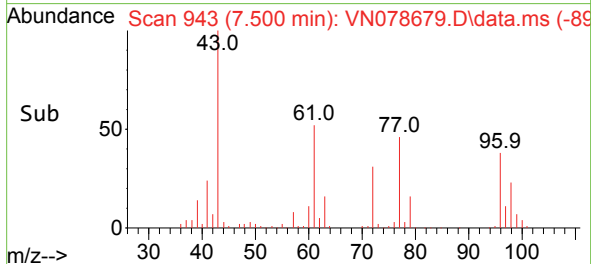
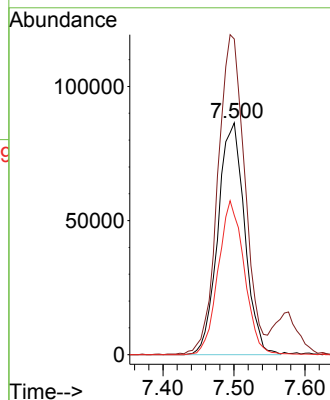
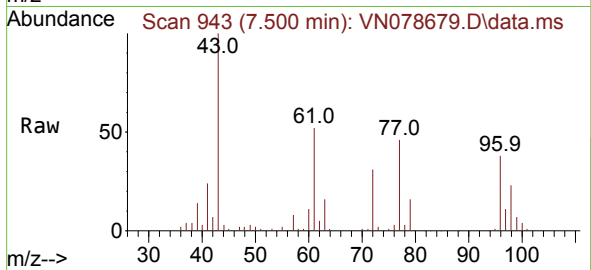




#27
 cis-1,2-Dichloroethene
 Concen: 20.013 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

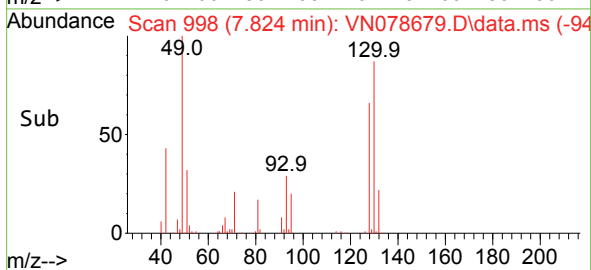
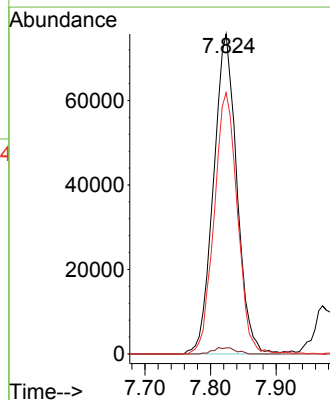
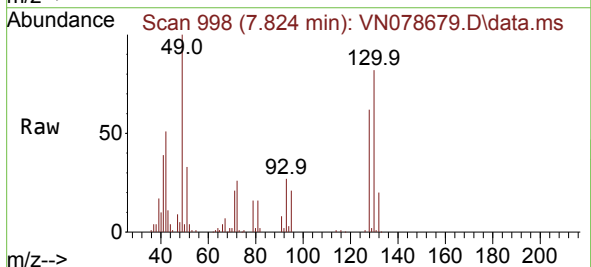
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

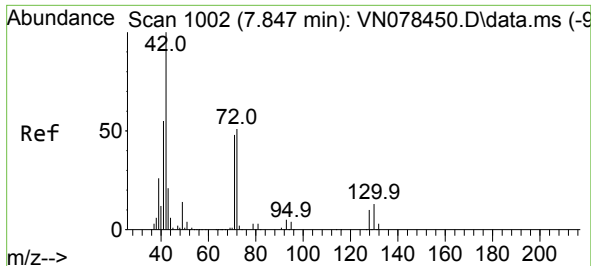
Tgt Ion: 96 Resp: 225575
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 255.2
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 22.268 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

Tgt Ion: 49 Resp: 186967
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 81.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 108.287 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

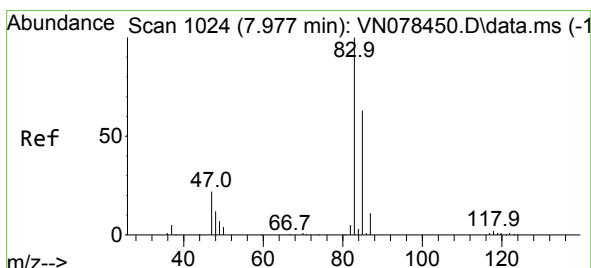
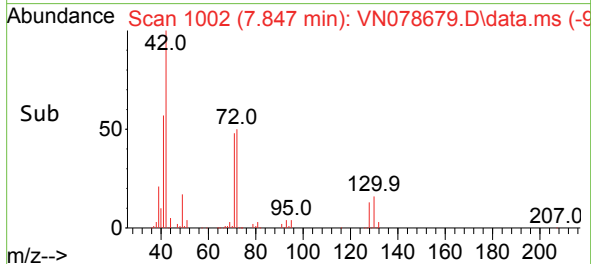
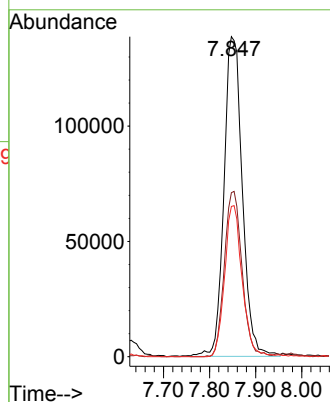
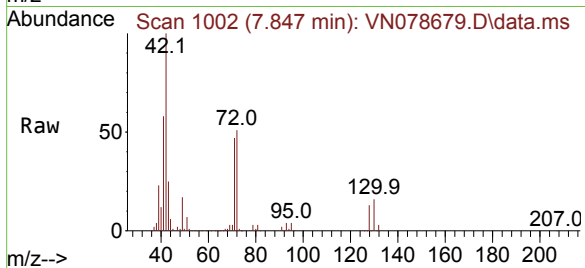
Tgt Ion: 42 Resp: 382735

Ion Ratio Lower Upper

42 100

72 49.7 49.8 74.6#

71 45.2 47.4 71.2#



#30

Chloroform

Concen: 19.921 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078679.D

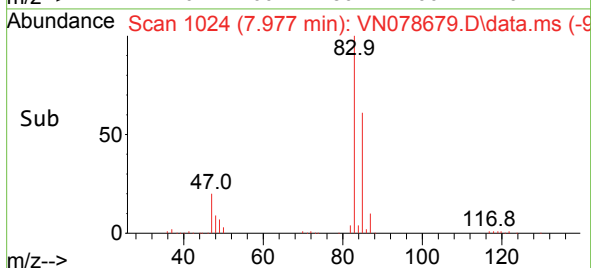
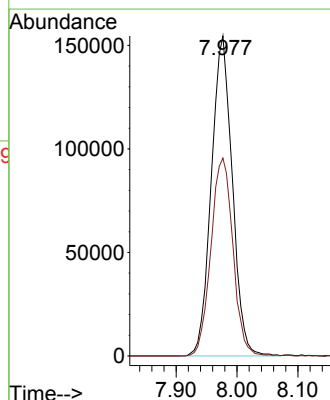
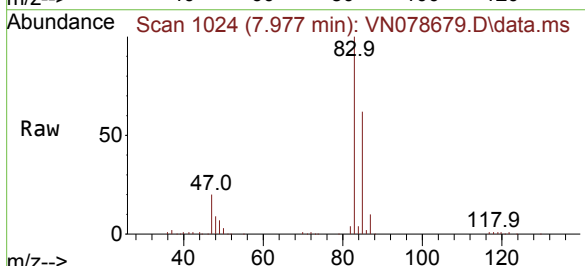
Acq: 28 Jul 2023 12:24

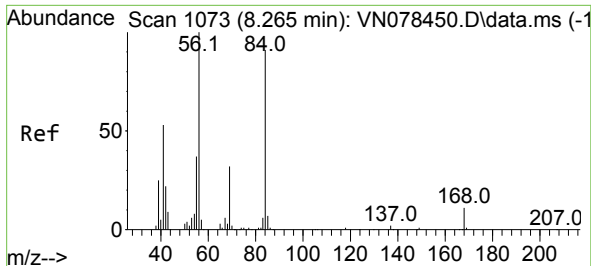
Tgt Ion: 83 Resp: 369712

Ion Ratio Lower Upper

83 100

85 61.9 55.4 83.0

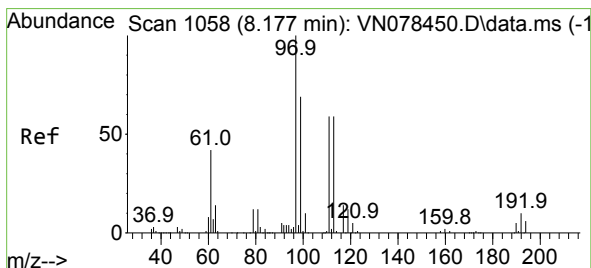
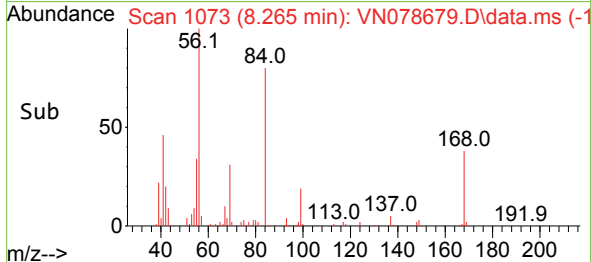
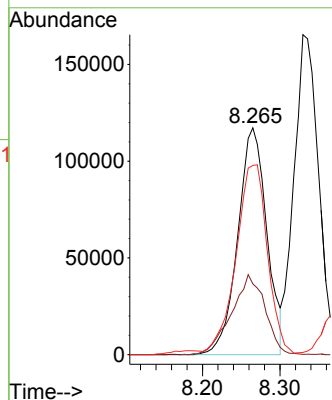
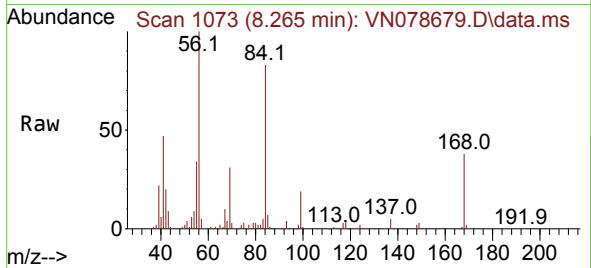




#31
Cyclohexane
Concen: 20.580 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

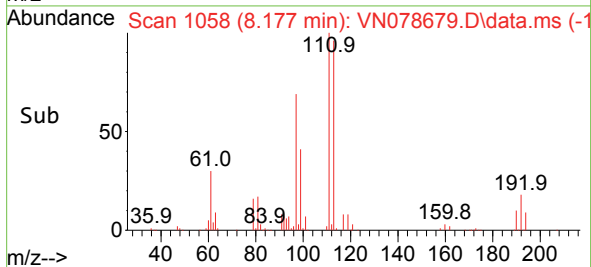
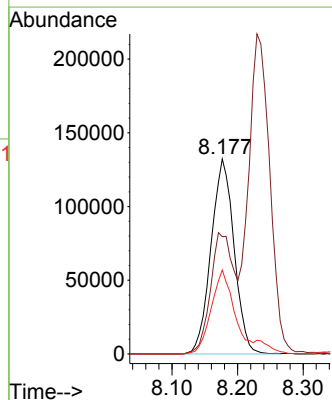
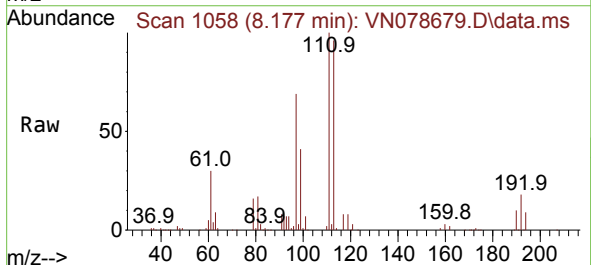
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

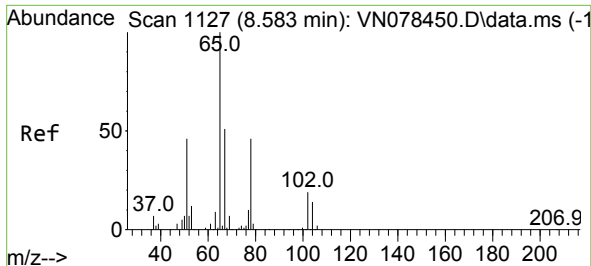
Tgt Ion: 56 Resp: 305531
Ion Ratio Lower Upper
56 100
69 31.2 26.8 40.2
84 82.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.398 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 97 Resp: 322769
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 43.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 44.080 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

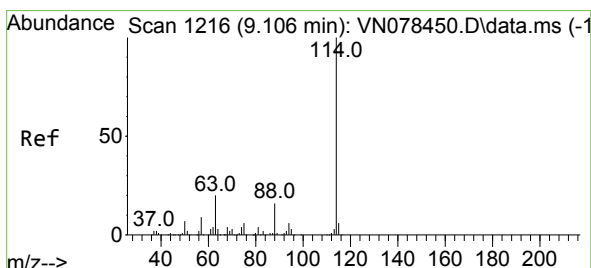
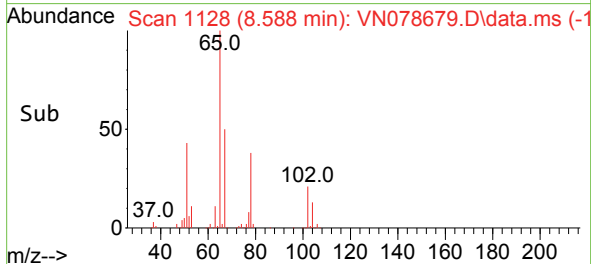
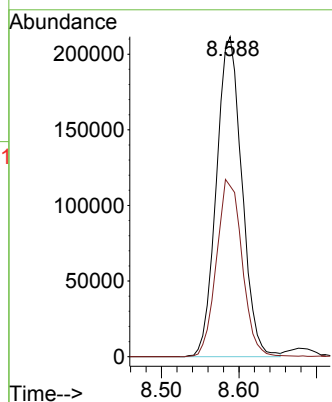
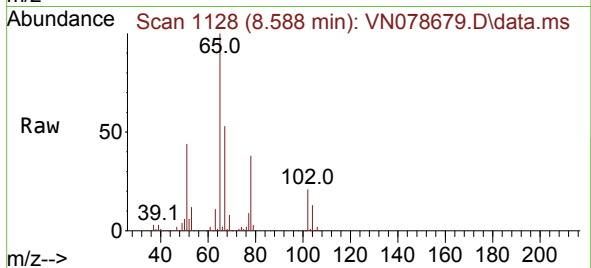
VN0728WBS01

Tgt Ion: 65 Resp: 484232

Ion Ratio Lower Upper

65 100

67 55.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

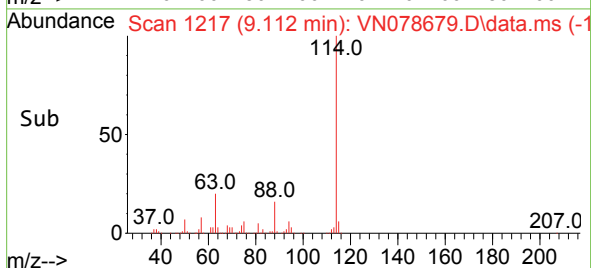
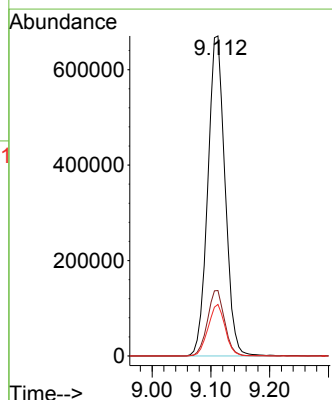
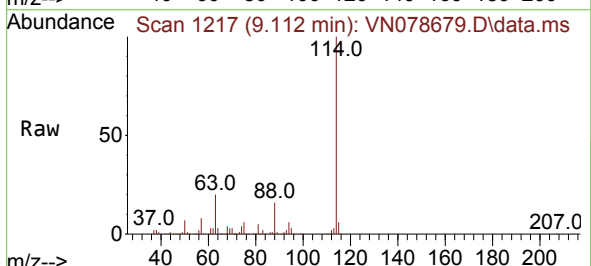
Tgt Ion: 114 Resp: 1366784

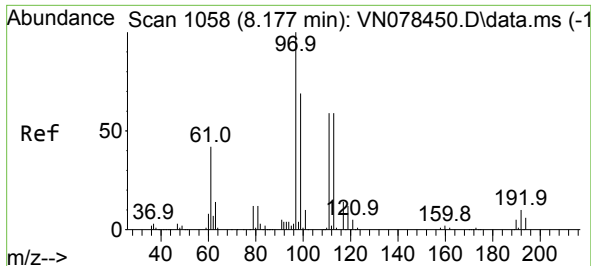
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.1 0.0 30.6

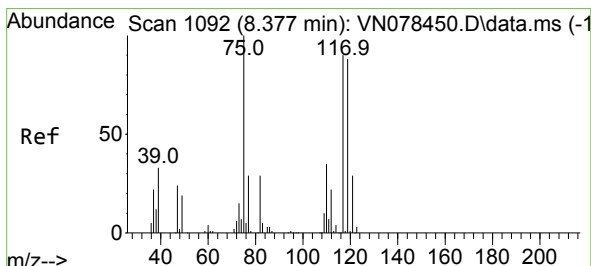
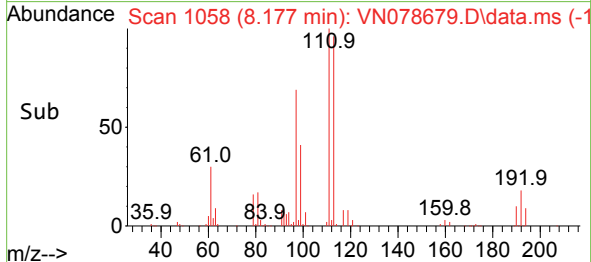
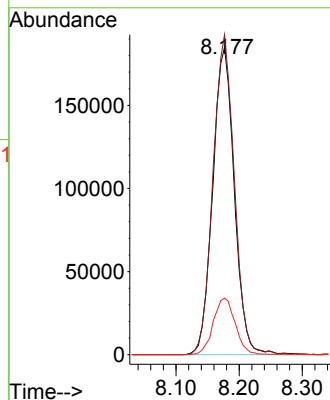
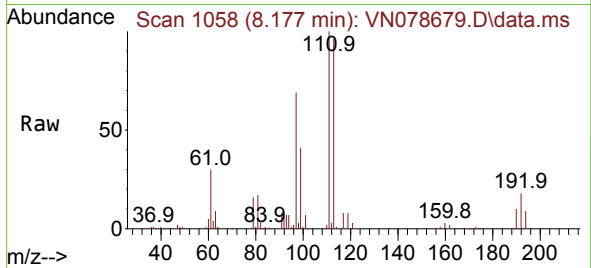




#35
 Dibromofluoromethane
 Concen: 47.245 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

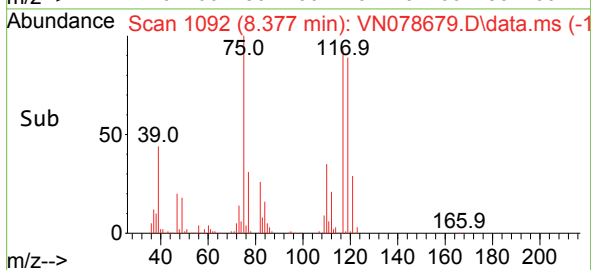
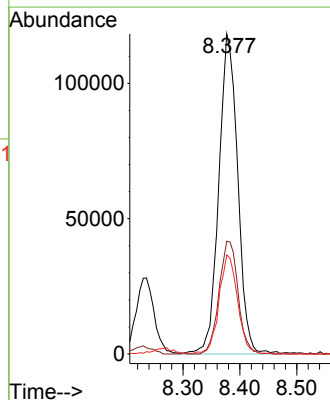
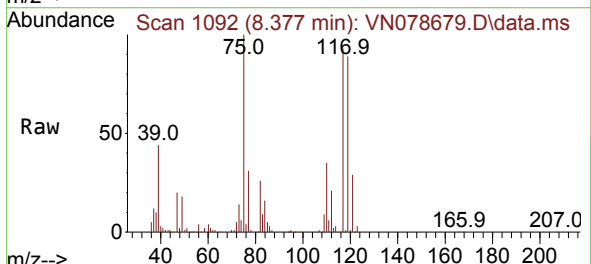
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

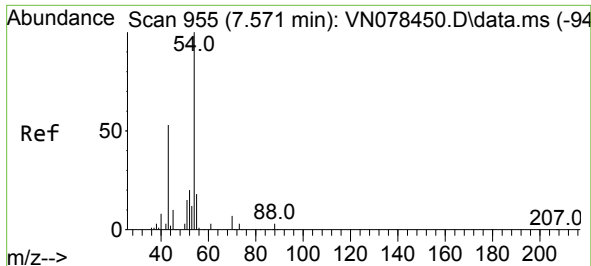
Tgt Ion:113 Resp: 438348
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 123.8
 192 18.9 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 20.460 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

Tgt Ion: 75 Resp: 274103
 Ion Ratio Lower Upper
 75 100
 110 35.4 19.1 57.3
 77 30.3 25.0 37.4

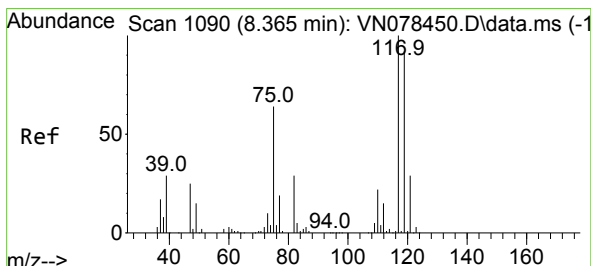
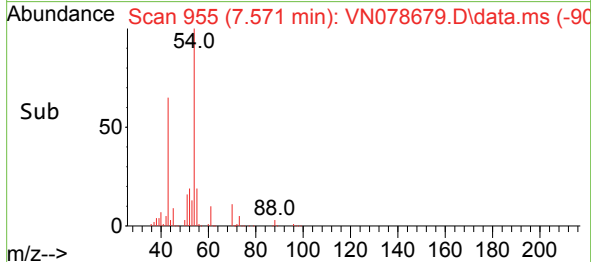
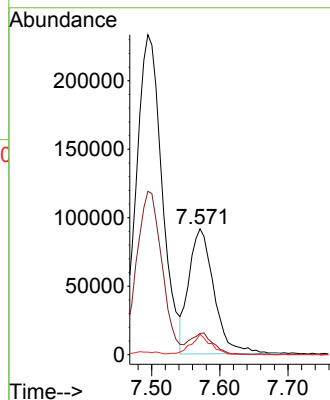
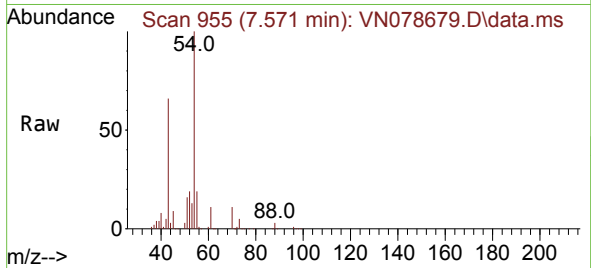




#37
Ethyl Acetate
Concen: 20.843 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

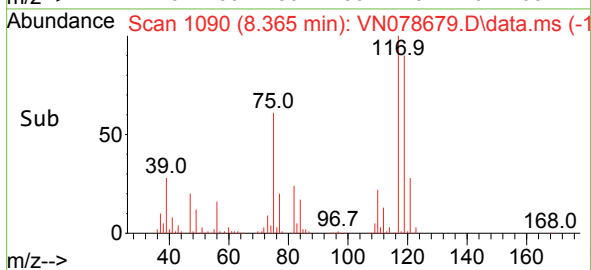
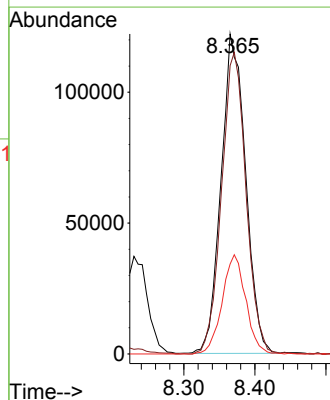
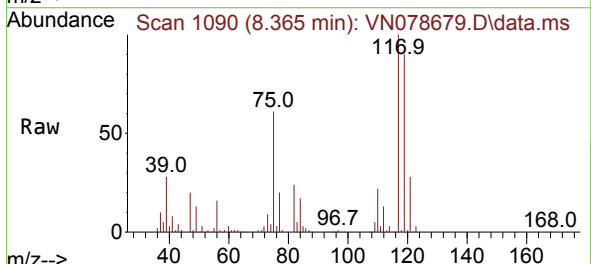
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

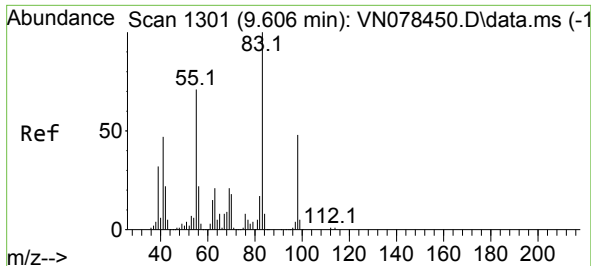
Tgt Ion: 43 Resp: 232772
Ion Ratio Lower Upper
43 100
61 15.5 13.2 19.8
70 13.3 11.3 16.9



#38
Carbon Tetrachloride
Concen: 20.081 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 117 Resp: 292386
Ion Ratio Lower Upper
117 100
119 90.3 77.3 115.9
121 28.1 23.3 34.9





#39

Methylcyclohexane

Concen: 21.170 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

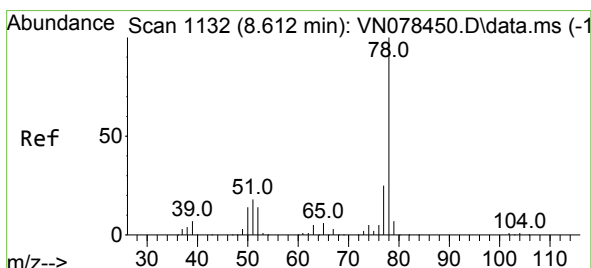
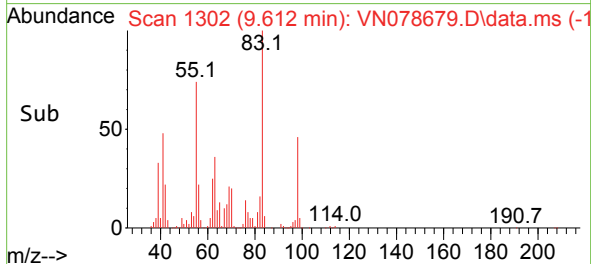
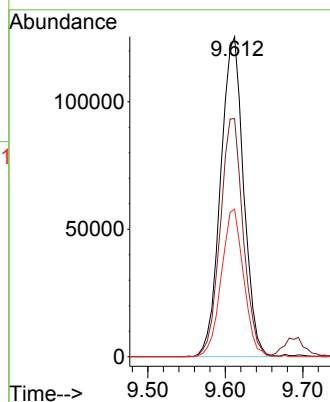
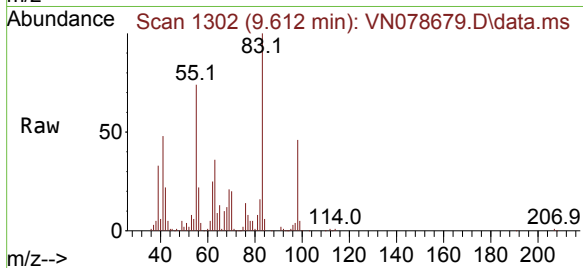
Tgt Ion: 83 Resp: 258872

Ion Ratio Lower Upper

83 100

55 74.4 49.1 73.7#

98 46.1 40.6 61.0



#40

Benzene

Concen: 21.304 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078679.D

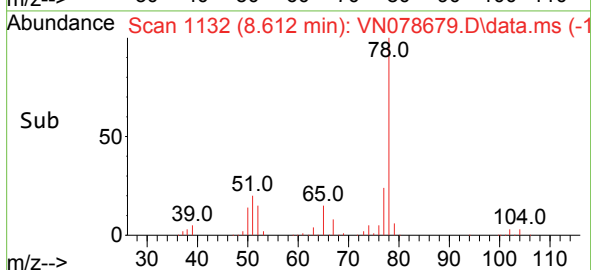
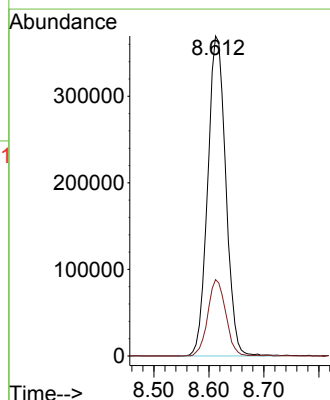
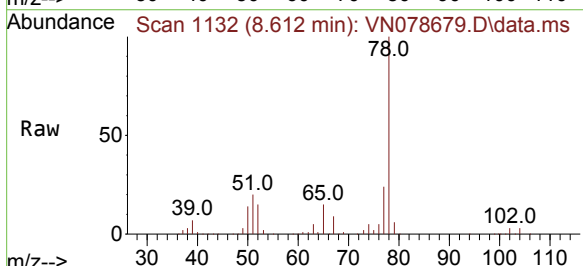
Acq: 28 Jul 2023 12:24

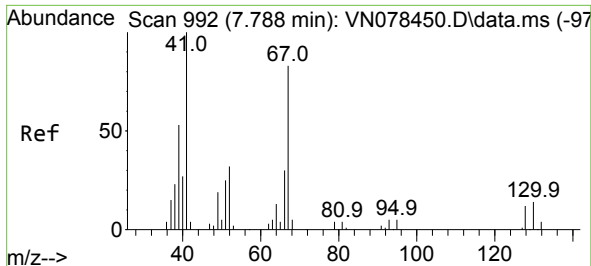
Tgt Ion: 78 Resp: 845530

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6



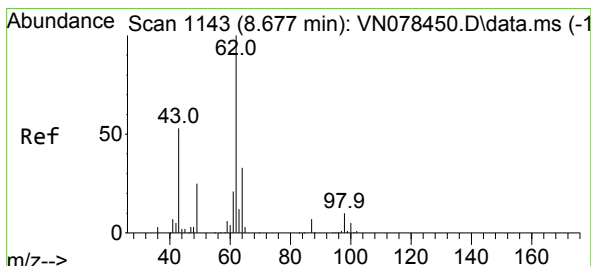
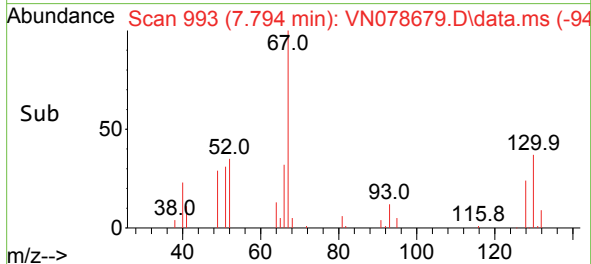
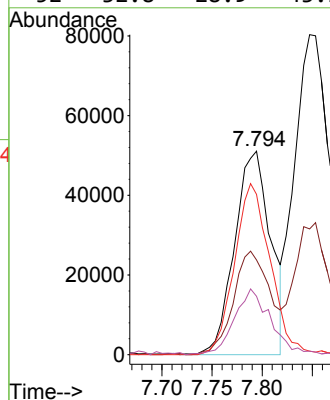
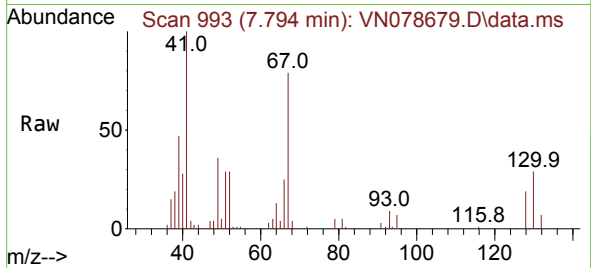


#41
Methacrylonitrile
Concen: 22.367 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion: 41 Resp: 127339

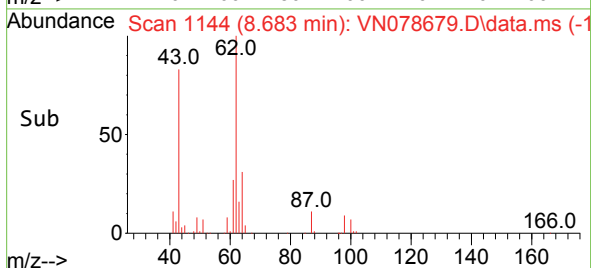
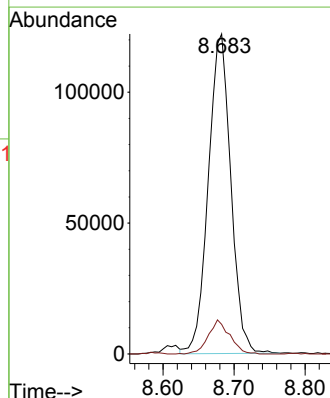
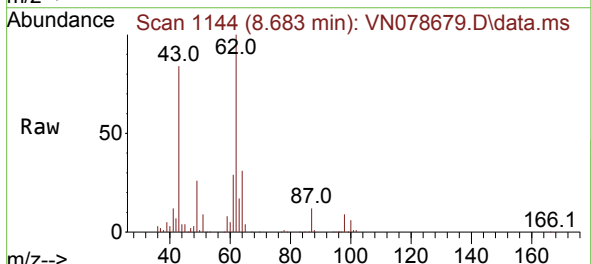
Ion	Ratio	Lower	Upper
41	100		
39	51.7	42.6	64.0
67	84.2	77.5	116.3
52	32.8	28.9	43.3

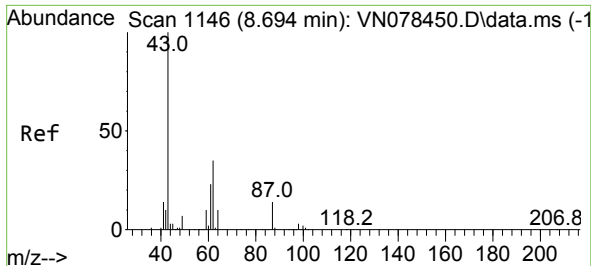


#42
1,2-Dichloroethane
Concen: 19.897 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 62 Resp: 268609

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8

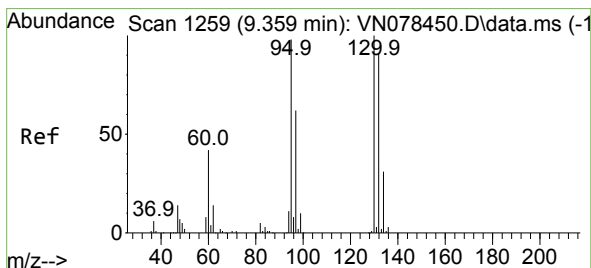
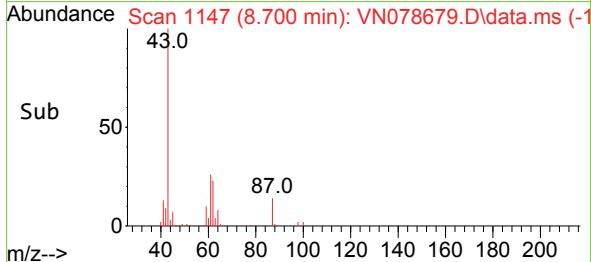
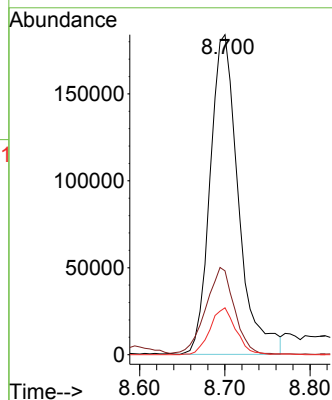
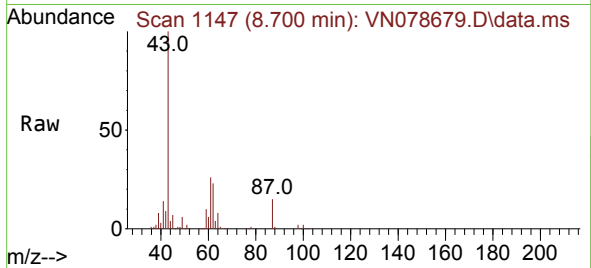




#43
Isopropyl Acetate
Concen: 23.010 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

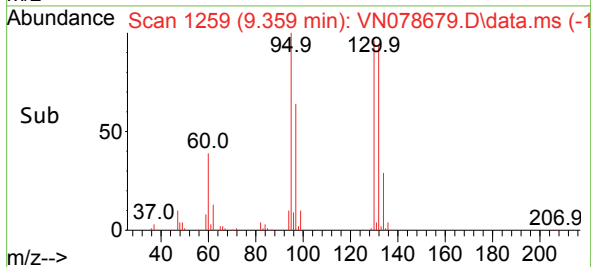
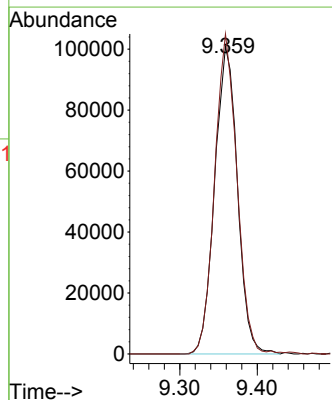
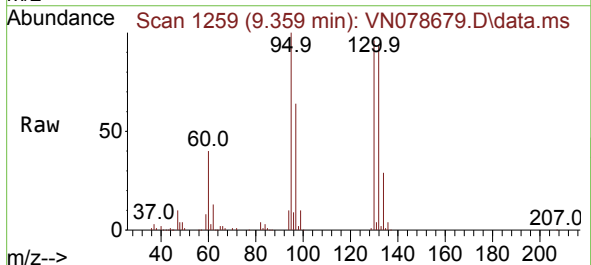
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

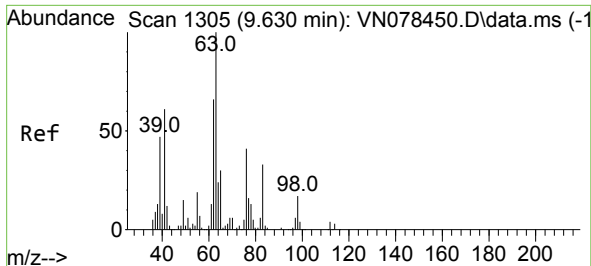
Tgt Ion: 43 Resp: 423070
Ion Ratio Lower Upper
43 100
61 27.9 24.7 37.1
87 13.5 14.6 21.8#



#44
Trichloroethene
Concen: 19.246 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion:130 Resp: 205875
Ion Ratio Lower Upper
130 100
95 104.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.225 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

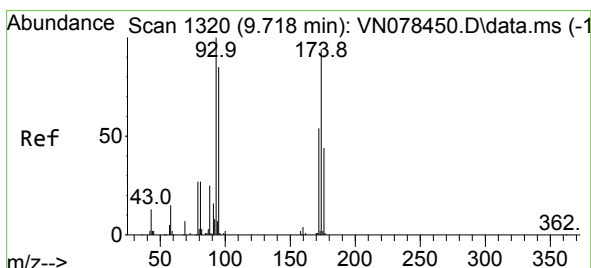
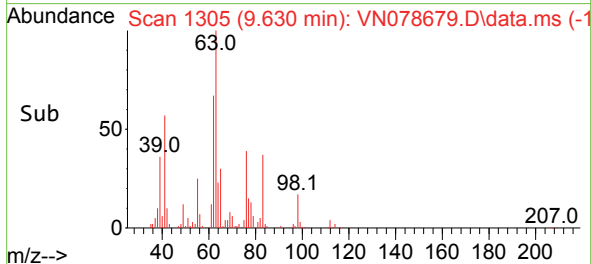
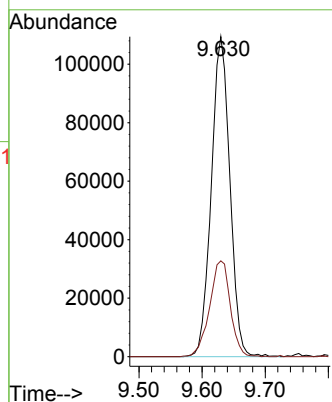
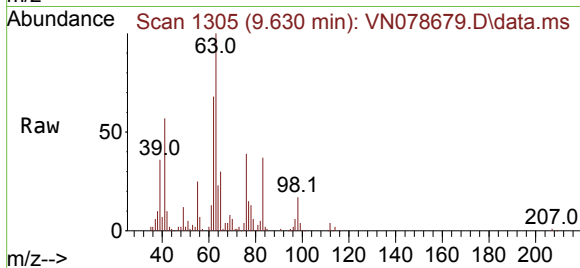
VN0728WBS01

Tgt Ion: 63 Resp: 223410

Ion Ratio Lower Upper

63 100

65 30.0 23.9 35.9



#46

Dibromomethane

Concen: 20.530 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

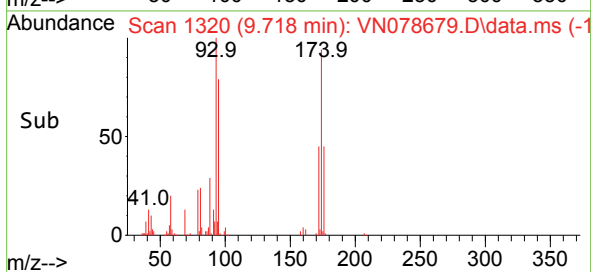
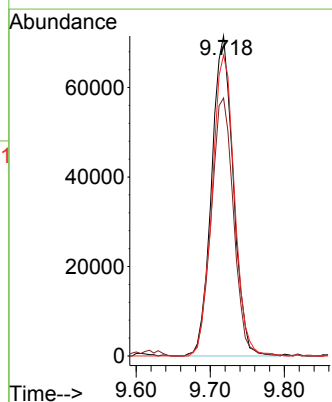
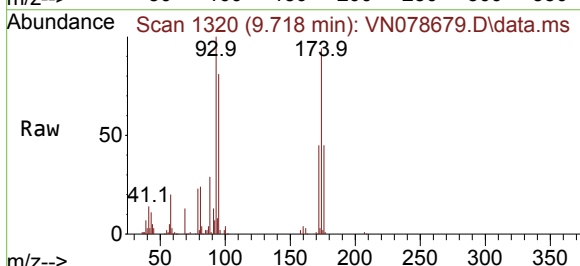
Tgt Ion: 93 Resp: 145254

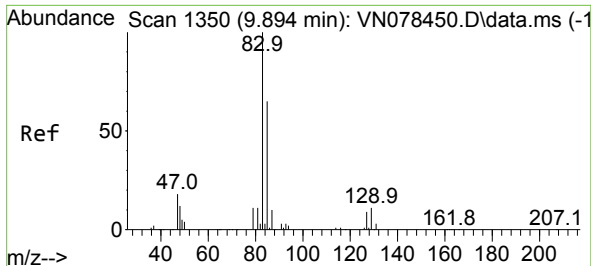
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 96.8 65.6 98.4

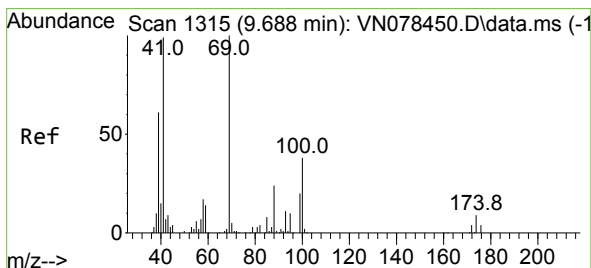
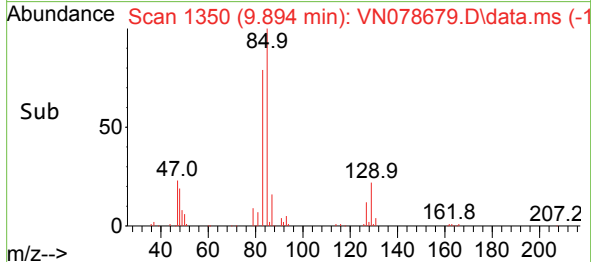
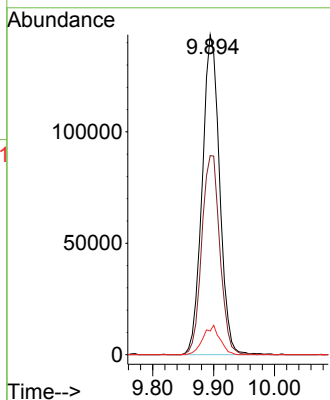
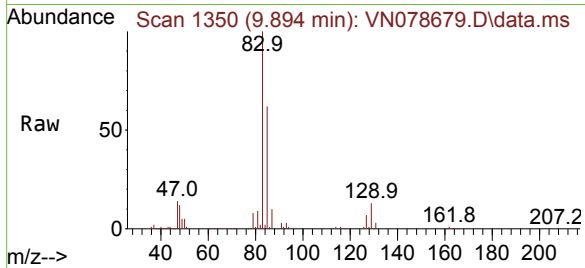




#47
Bromodichloromethane
Concen: 20.103 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

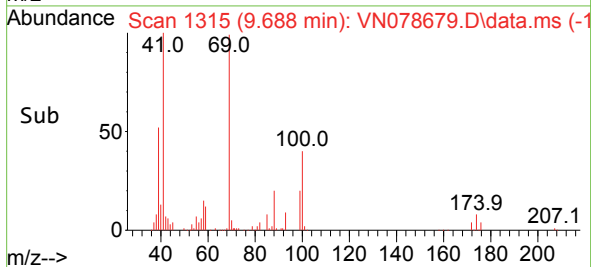
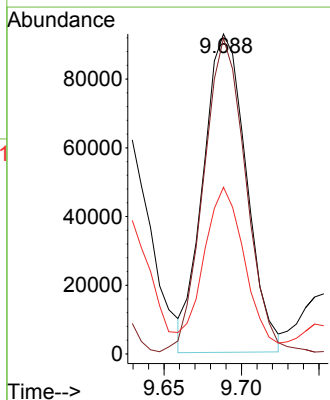
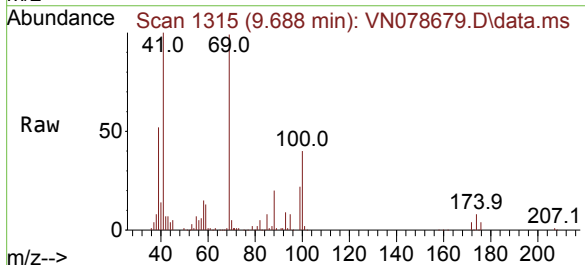
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

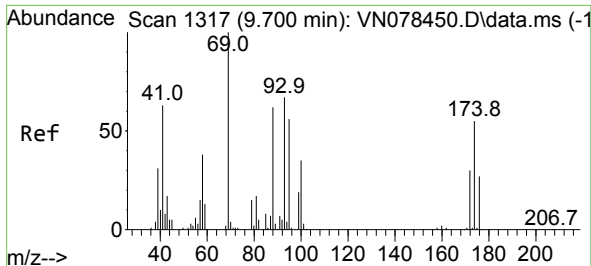
Tgt Ion: 83 Resp: 285105
Ion Ratio Lower Upper
83 100
85 62.2 49.6 74.4
127 7.4 7.0 10.6



#48
Methyl methacrylate
Concen: 21.020 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 41 Resp: 179050
Ion Ratio Lower Upper
41 100
69 98.9 90.4 135.6
39 50.8 54.6 81.8





#49

1,4-Dioxane

Concen: 417.658 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

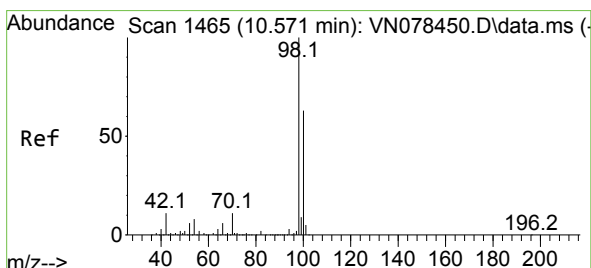
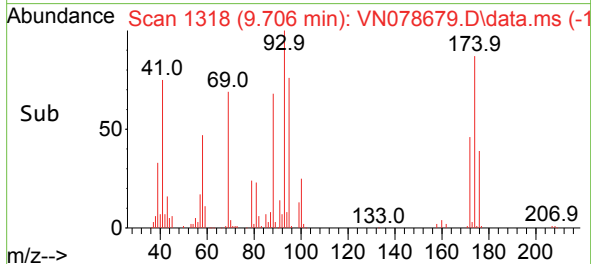
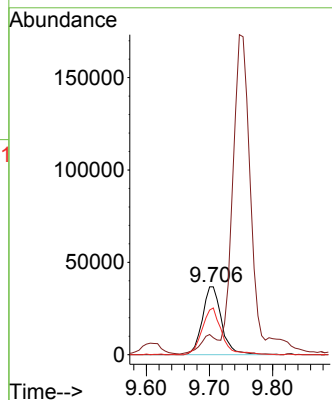
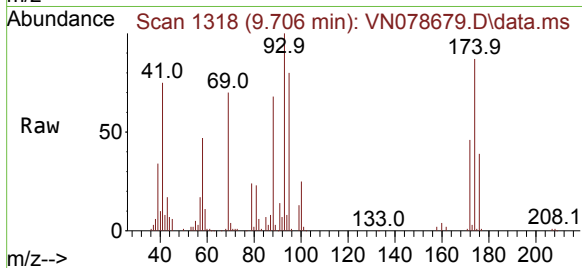
Tgt Ion: 88 Resp: 77587

Ion Ratio Lower Upper

88 100

43 23.7 17.0 25.6

58 70.2 47.0 70.4



#50

Toluene-d8

Concen: 45.646 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078679.D

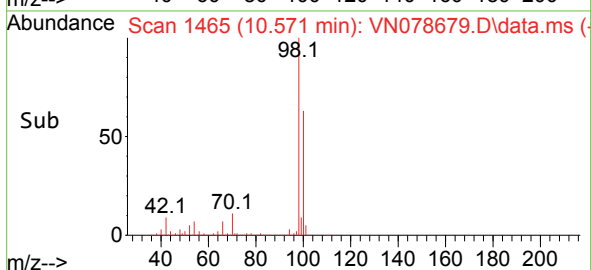
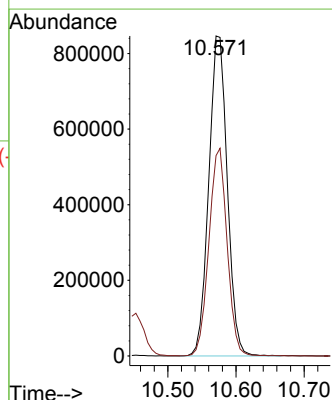
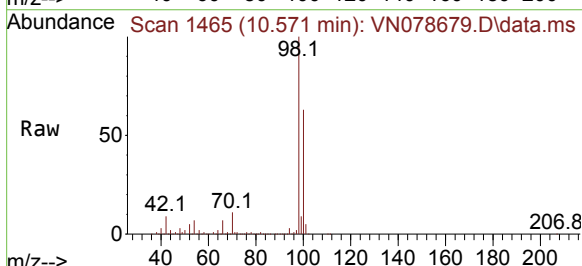
Acq: 28 Jul 2023 12:24

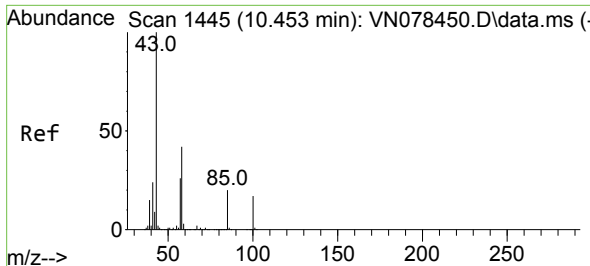
Tgt Ion: 98 Resp: 1599893

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

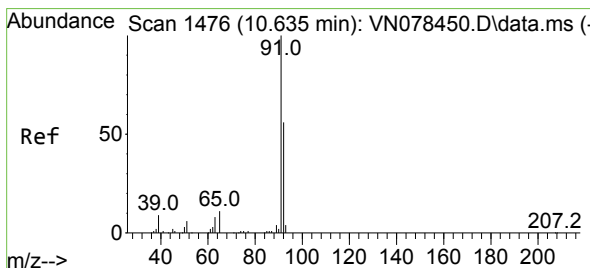
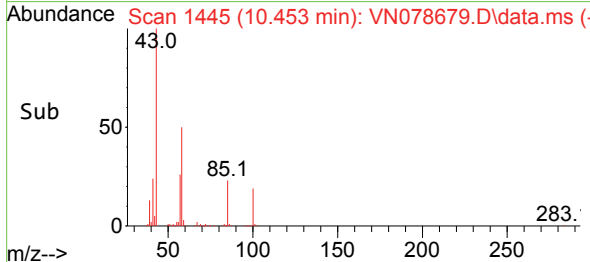
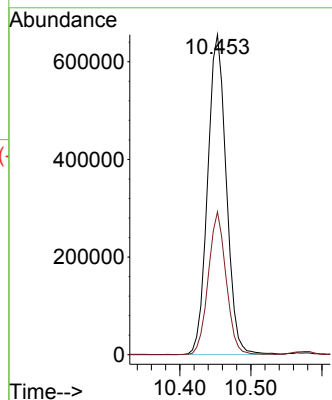
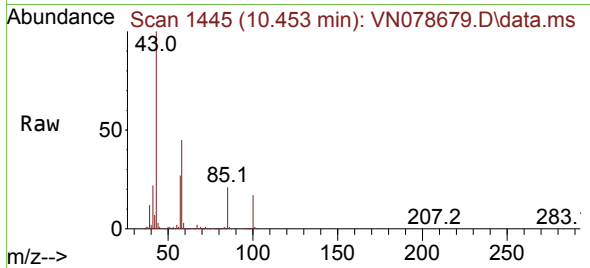




#51
4-Methyl-2-Pentanone
Concen: 109.323 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

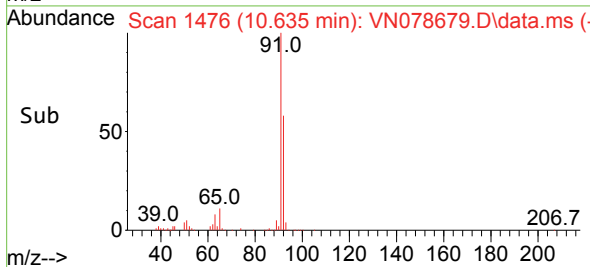
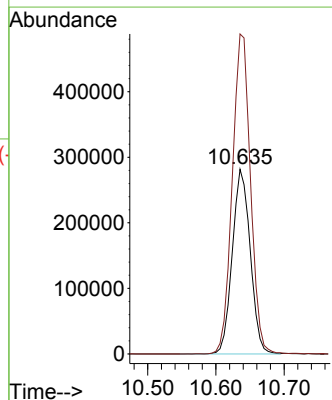
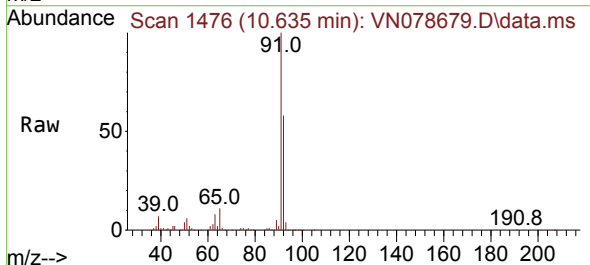
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

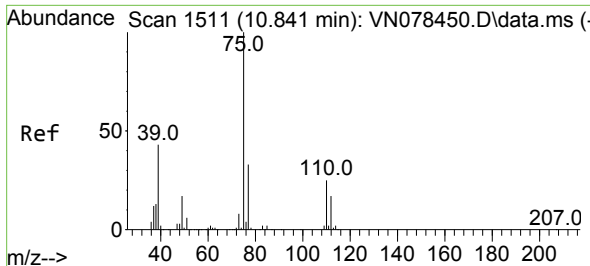
Tgt Ion: 43 Resp: 1195608
Ion Ratio Lower Upper
43 100
58 42.8 36.6 54.8



#52
Toluene
Concen: 20.971 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 92 Resp: 515842
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0

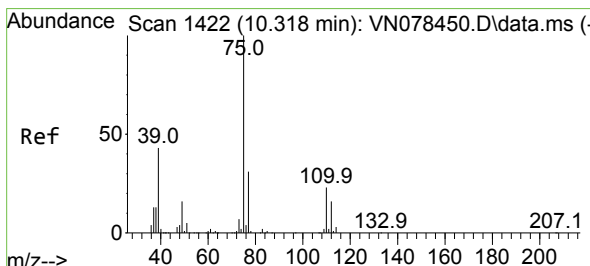
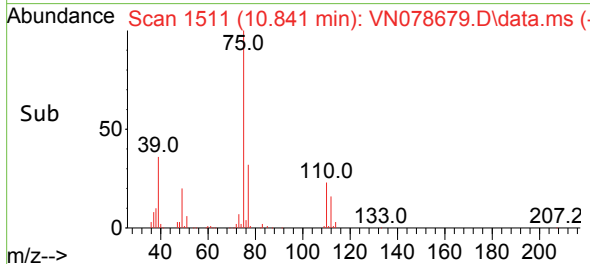
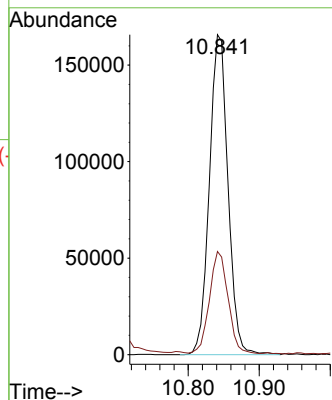
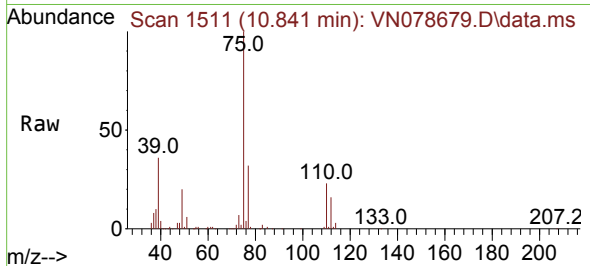




#53
 t-1,3-Dichloropropene
 Concen: 20.768 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

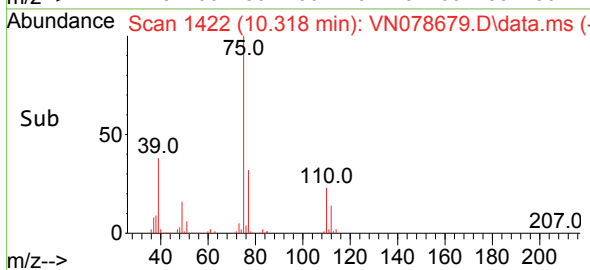
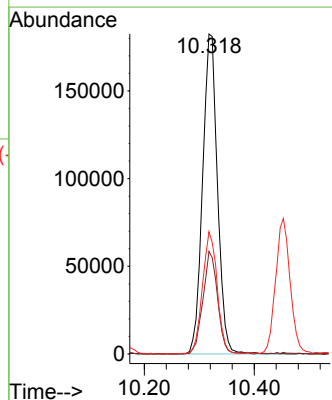
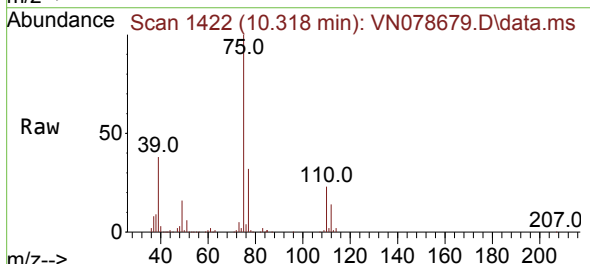
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

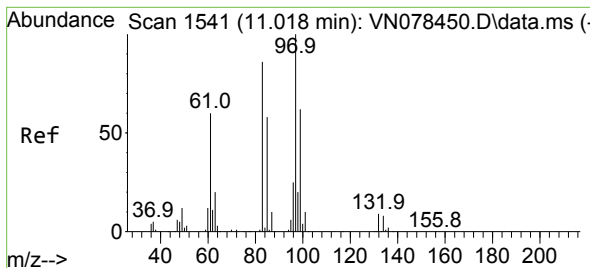
Tgt Ion: 75 Resp: 301747
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 22.122 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

Tgt Ion: 75 Resp: 342613
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.1 39.1
 39 38.1 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.987 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

Tgt Ion: 97 Resp: 203400

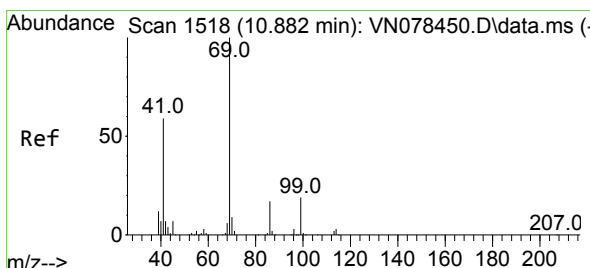
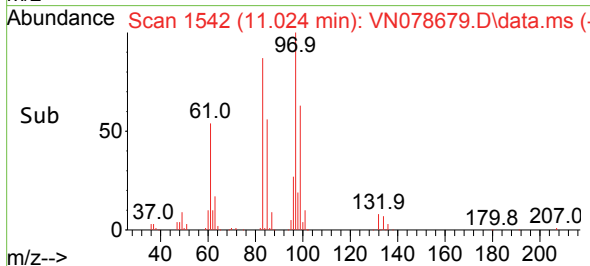
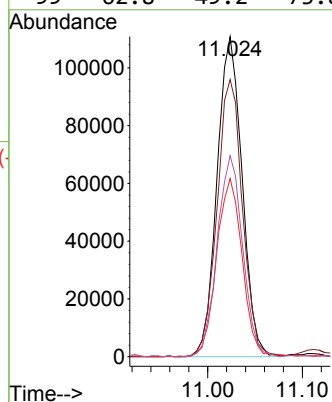
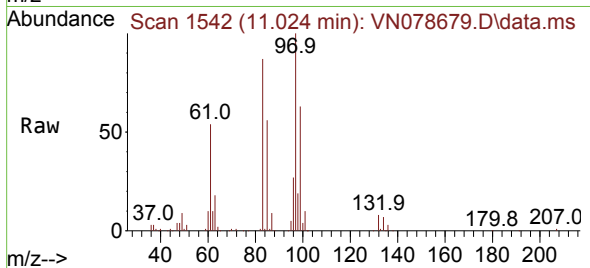
Ion Ratio Lower Upper

97 100

83 86.6 65.1 97.7

85 55.7 43.4 65.2

99 62.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.870 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

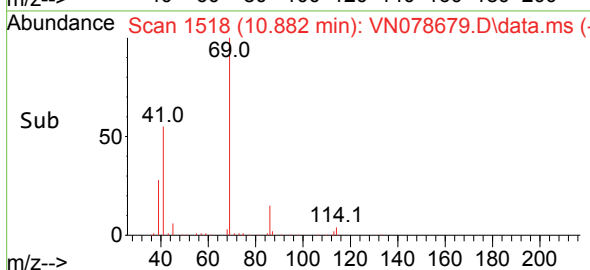
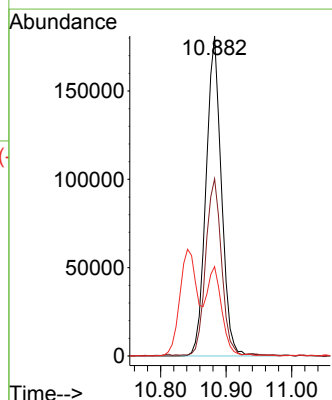
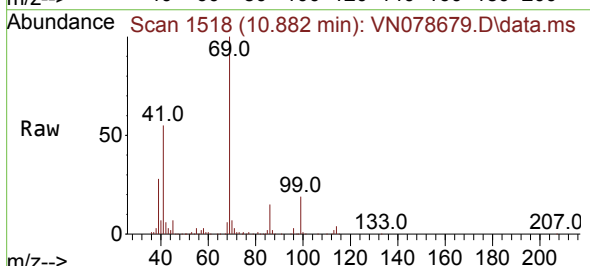
Tgt Ion: 69 Resp: 296291

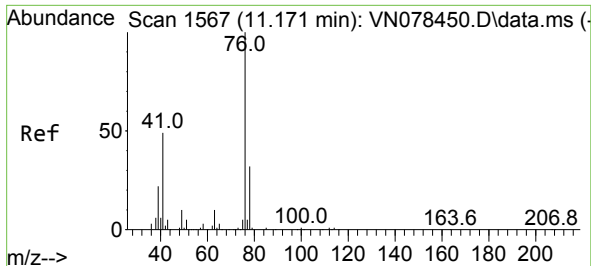
Ion Ratio Lower Upper

69 100

41 56.2 39.6 59.4

39 26.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 20.545 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

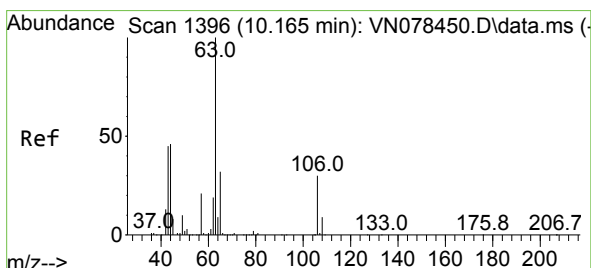
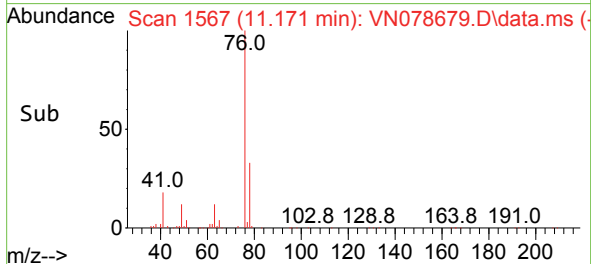
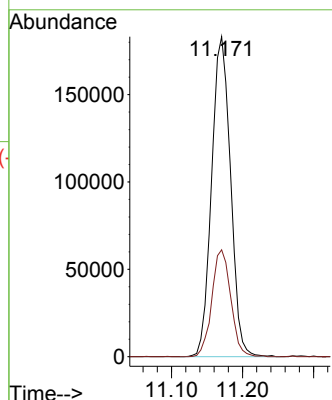
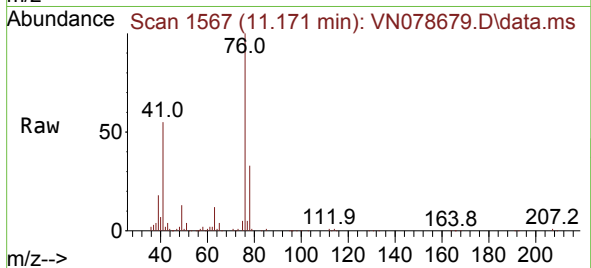
VN0728WBS01

Tgt Ion: 76 Resp: 338553

Ion Ratio Lower Upper

76 100

78 33.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 102.089 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078679.D

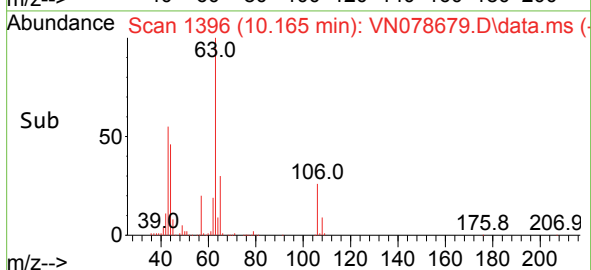
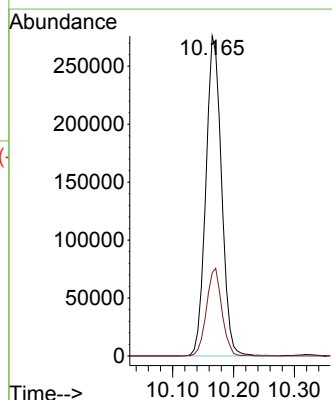
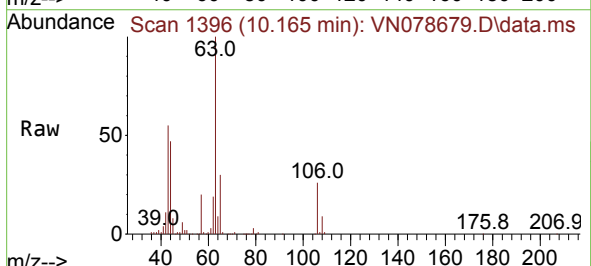
Acq: 28 Jul 2023 12:24

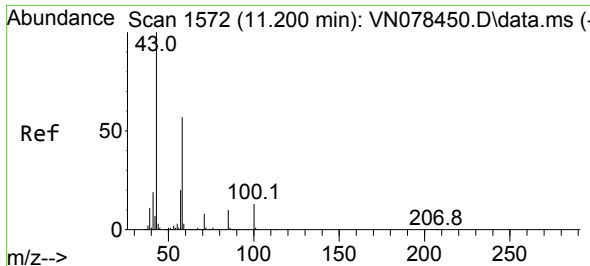
Tgt Ion: 63 Resp: 492896

Ion Ratio Lower Upper

63 100

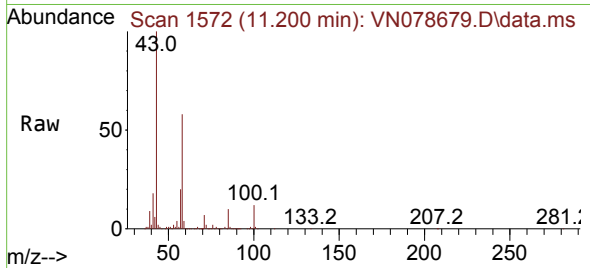
106 27.0 26.2 39.4



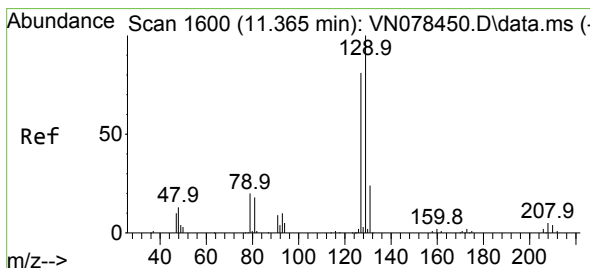
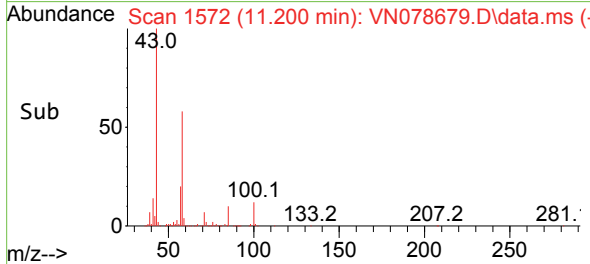
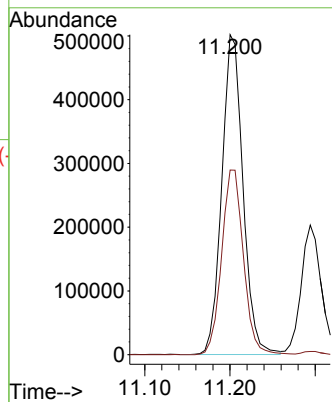


#59
2-Hexanone
Concen: 111.570 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

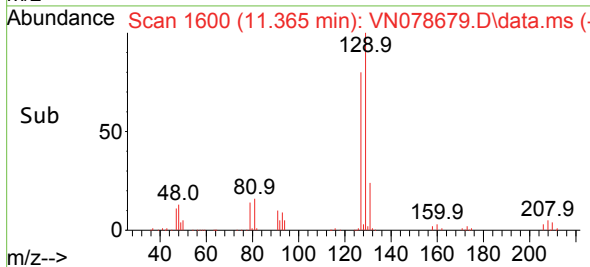
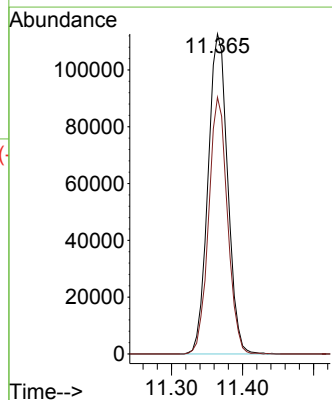
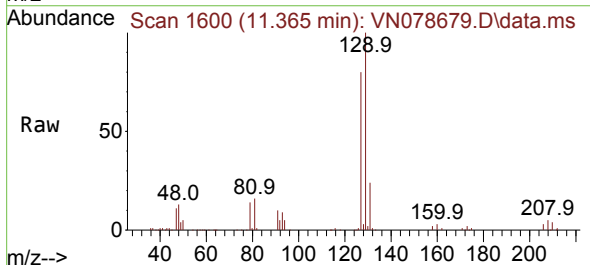


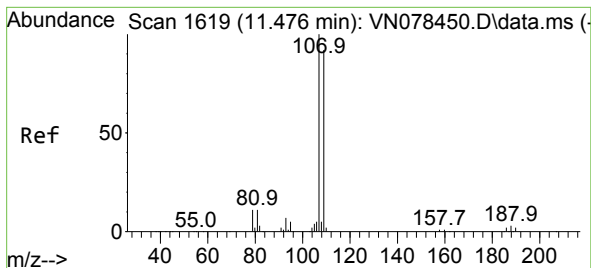
Tgt Ion: 43 Resp: 867196
Ion Ratio Lower Upper
43 100
58 59.5 31.7 95.1



#60
Dibromochloromethane
Concen: 20.215 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 129 Resp: 216285
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

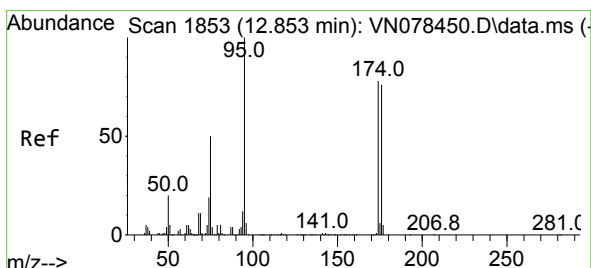
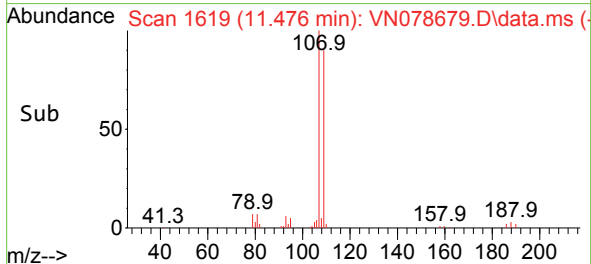
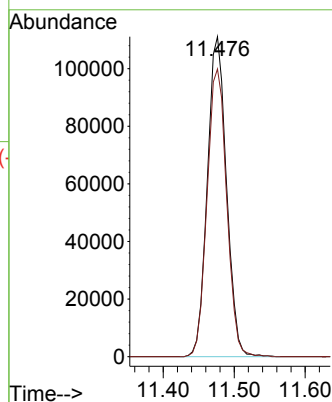
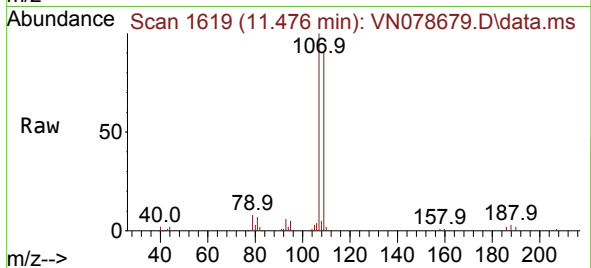




#61
1,2-Dibromoethane
Concen: 20.822 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

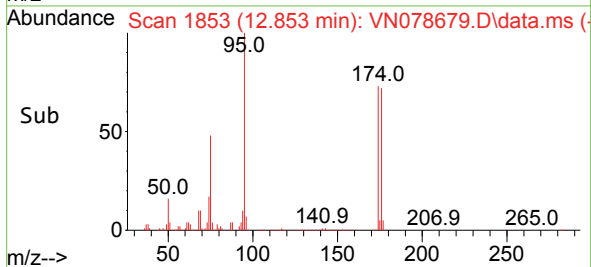
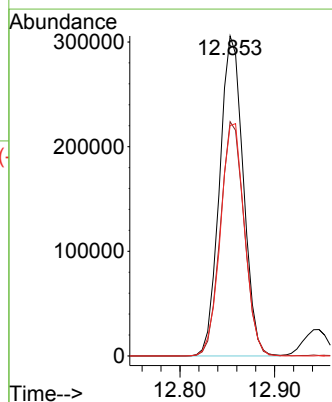
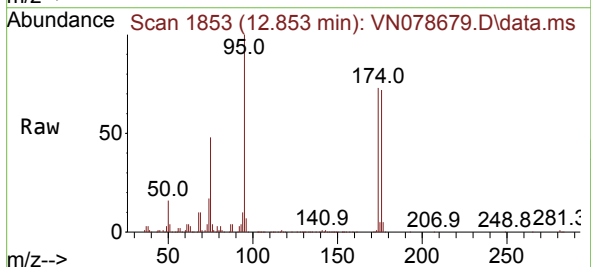
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

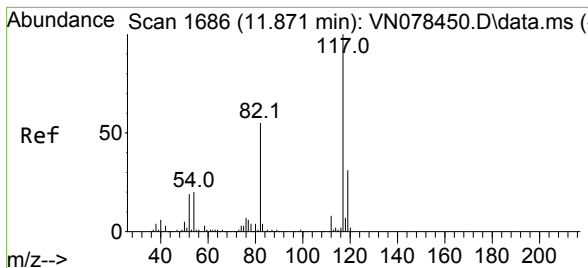
Tgt Ion:107 Resp: 207885
Ion Ratio Lower Upper
107 100
109 92.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.282 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 95 Resp: 532054
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 73.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

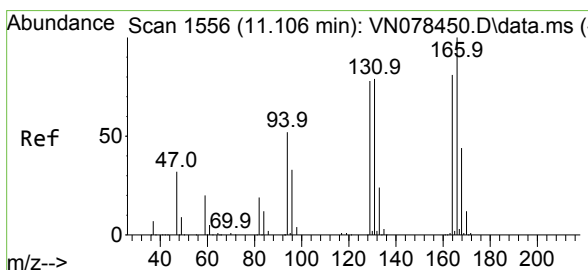
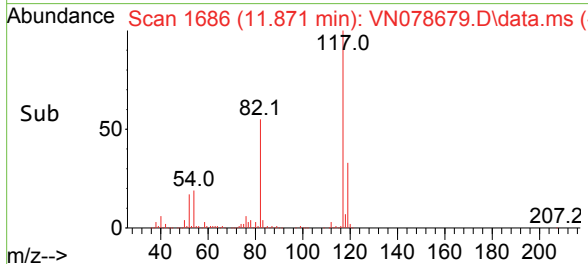
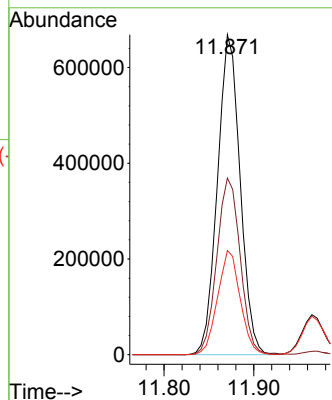
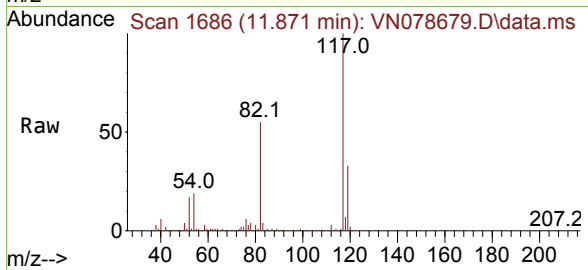
Tgt Ion:117 Resp: 1173491

Ion Ratio Lower Upper

117 100

82 55.2 44.0 66.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 19.366 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Tgt Ion:164 Resp: 170861

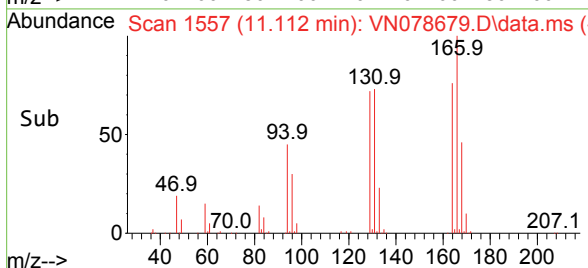
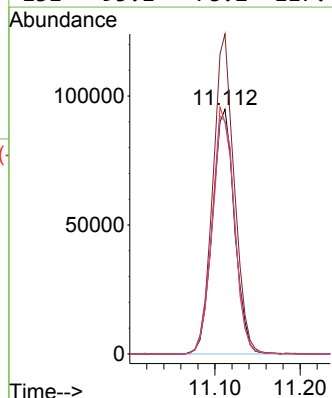
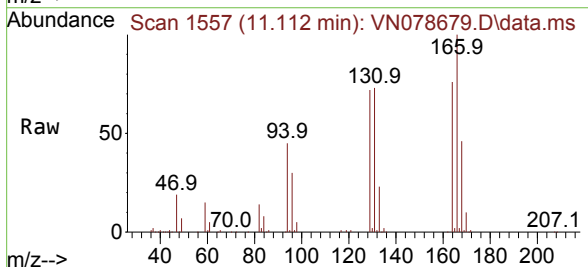
Ion Ratio Lower Upper

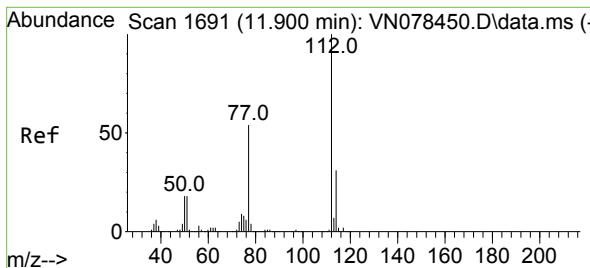
164 100

166 130.8 101.4 152.0

129 94.6 82.4 123.6

131 95.1 78.2 117.4

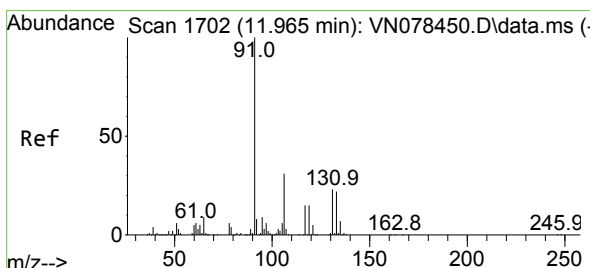
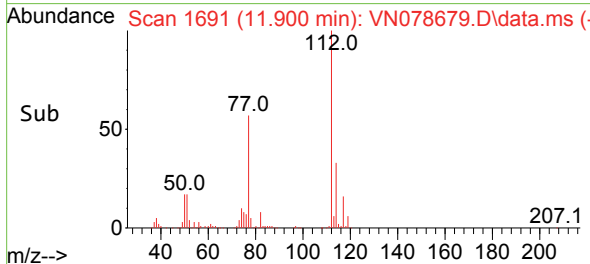
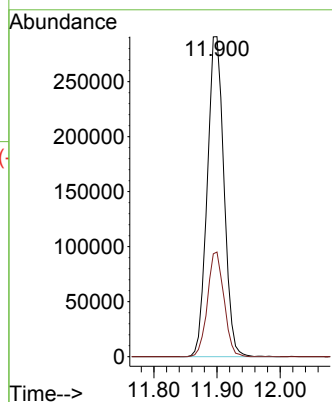
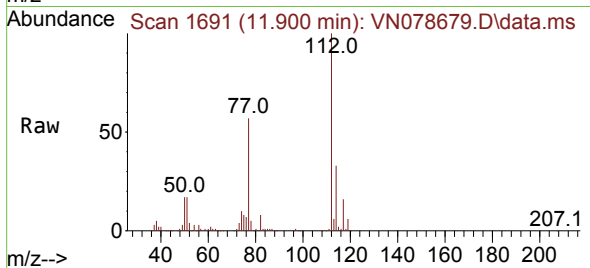




#65
Chlorobenzene
Concen: 20.292 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

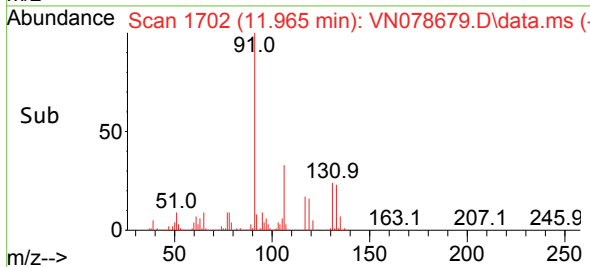
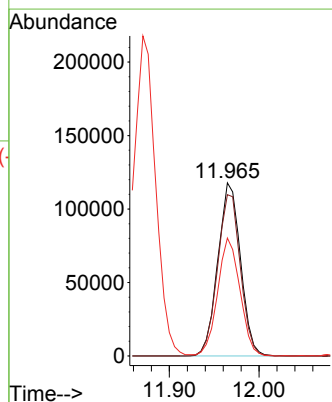
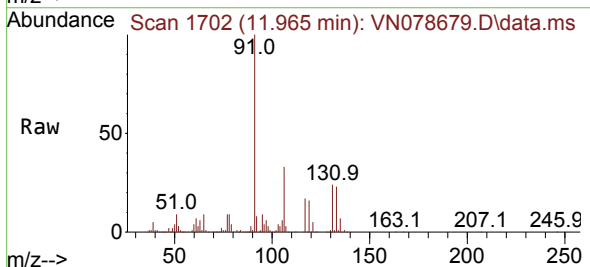
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

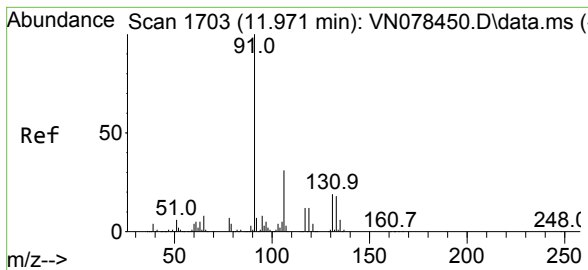
Tgt Ion:112 Resp: 532265
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.488 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion:131 Resp: 206743
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 67.1 34.1 102.2

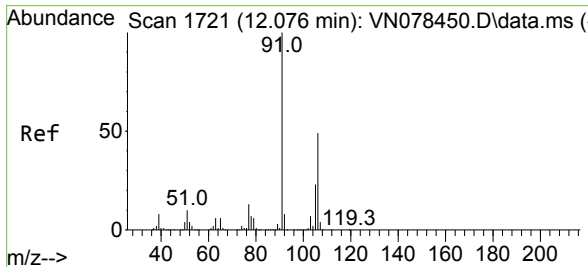
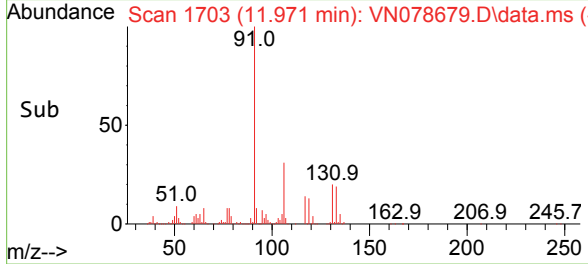
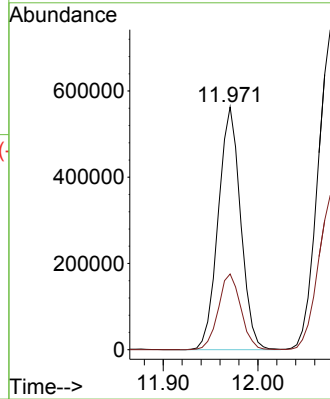
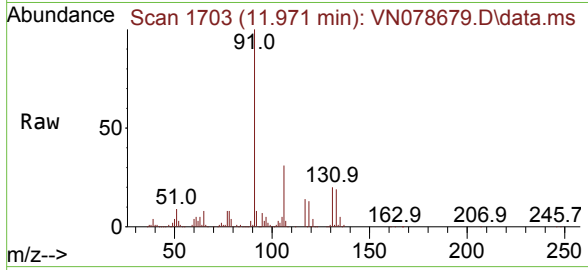




#67
Ethyl Benzene
Concen: 20.860 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

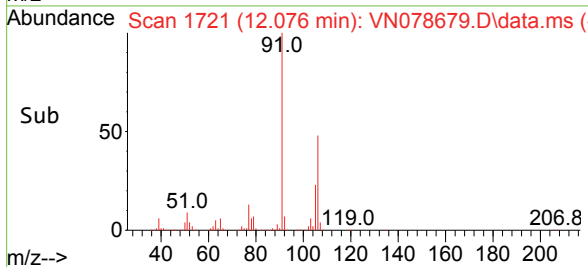
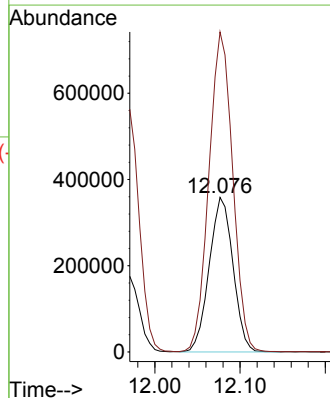
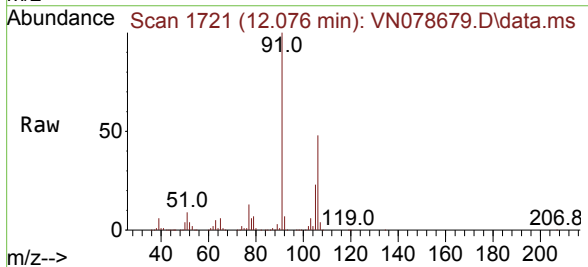
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

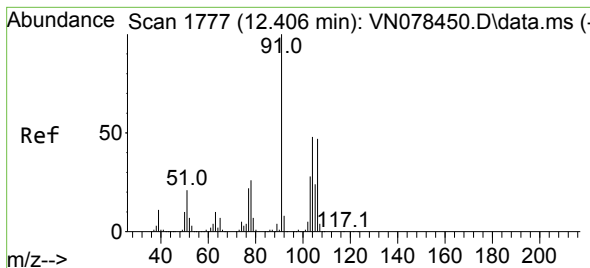
Tgt Ion: 91 Resp: 924897
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 42.417 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 106 Resp: 695342
Ion Ratio Lower Upper
106 100
91 207.4 159.6 239.4

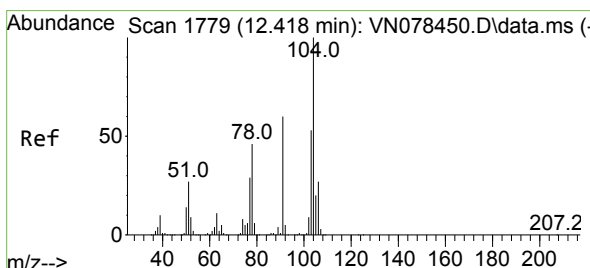
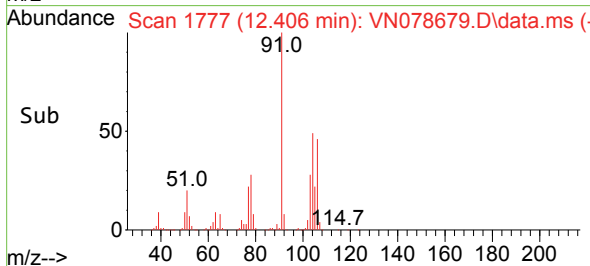
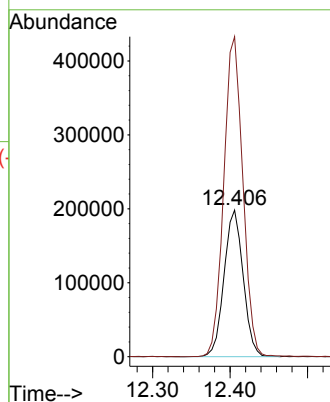
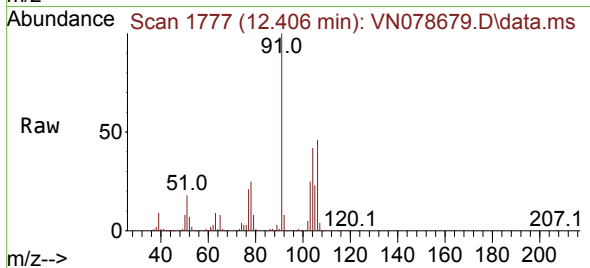




#69
o-Xylene
Concen: 20.506 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

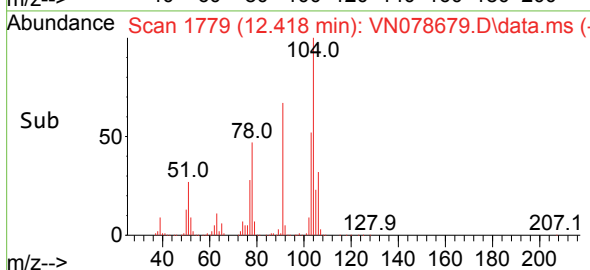
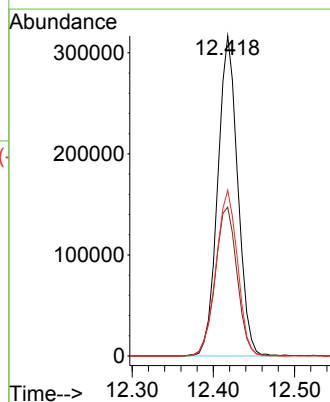
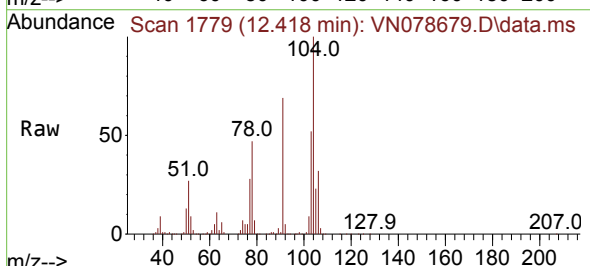
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

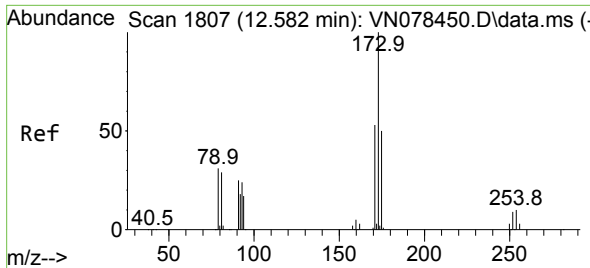
Tgt Ion:106 Resp: 339533
Ion Ratio Lower Upper
106 100
91 218.4 105.2 315.5



#70
Styrene
Concen: 20.964 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion:104 Resp: 543053
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.4 43.2 64.8

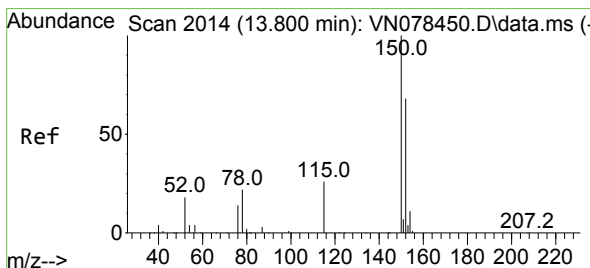
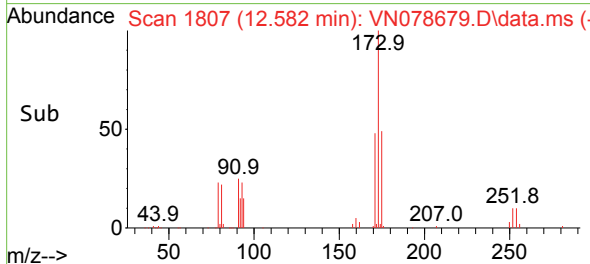
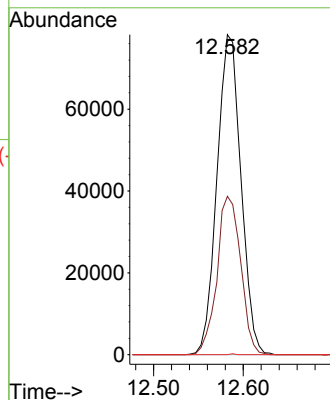
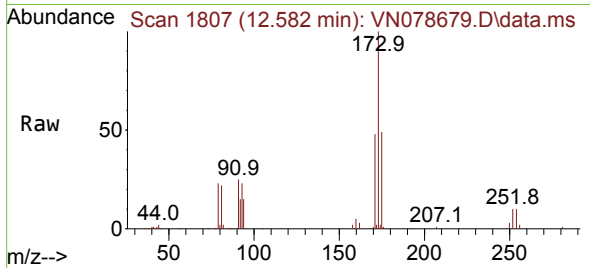




#71
Bromoform
Concen: 21.227 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

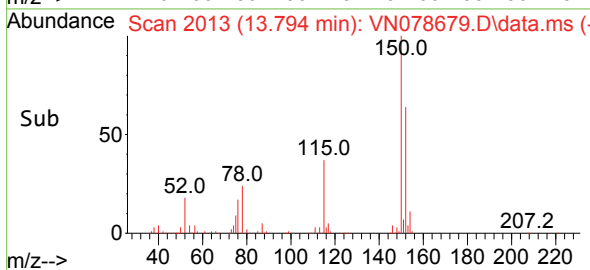
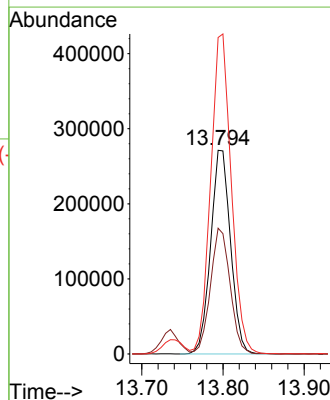
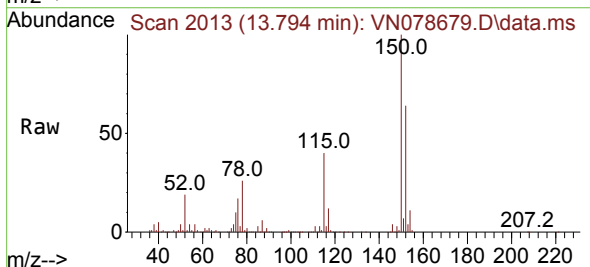
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

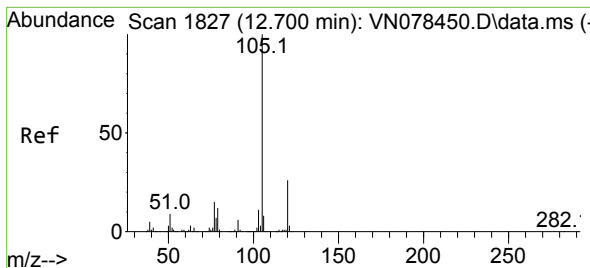
Tgt Ion:173 Resp: 145067
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion:152 Resp: 461977
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 162.4 0.0 355.8





#73

Isopropylbenzene

Concen: 19.566 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

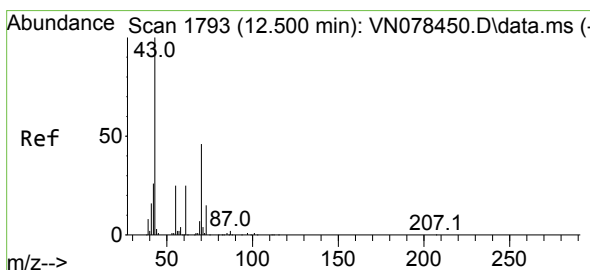
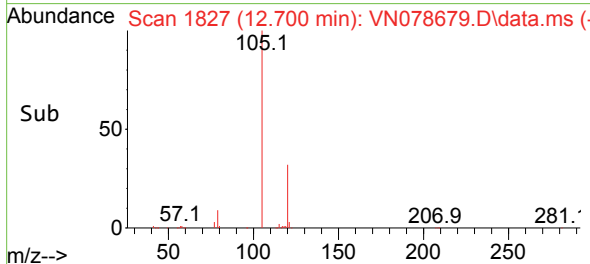
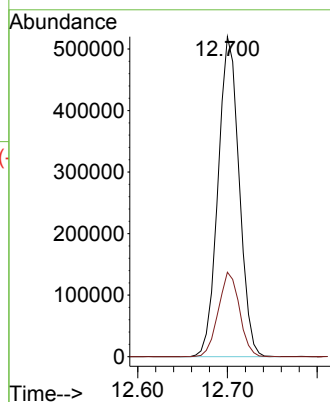
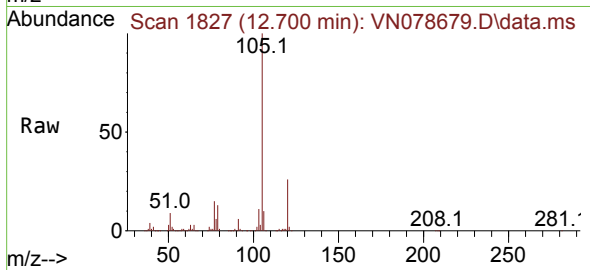
VN0728WBS01

Tgt Ion:105 Resp: 849339

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 19.501 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Tgt Ion: 43 Resp: 291726

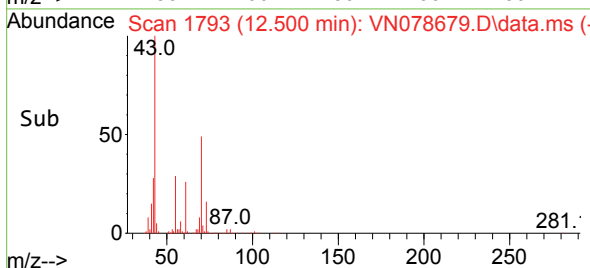
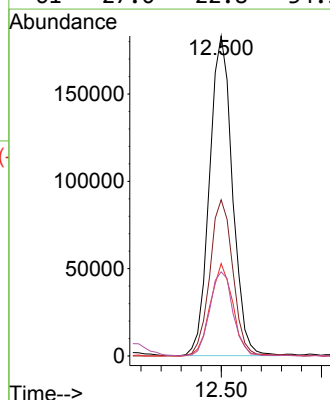
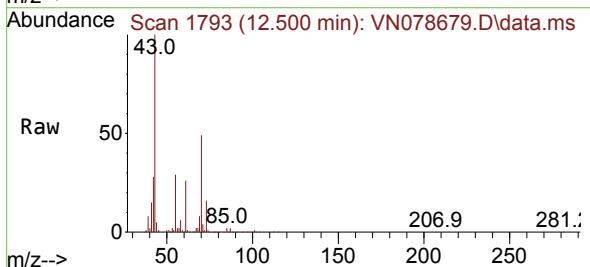
Ion Ratio Lower Upper

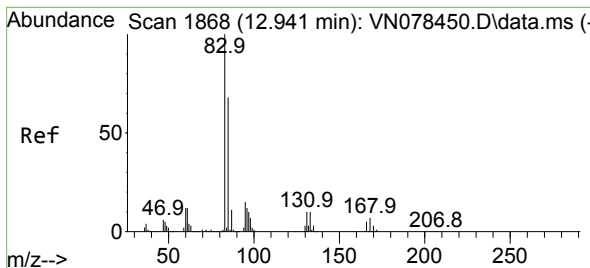
43 100

70 48.9 43.4 65.2

55 28.7 21.4 32.0

61 27.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.087 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

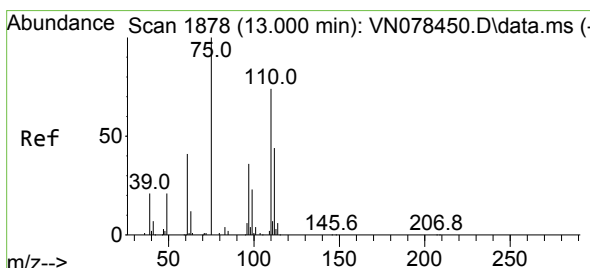
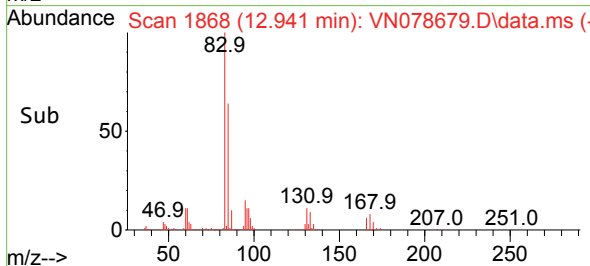
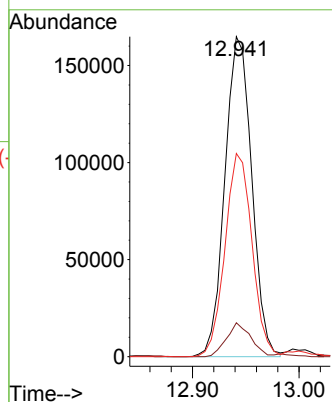
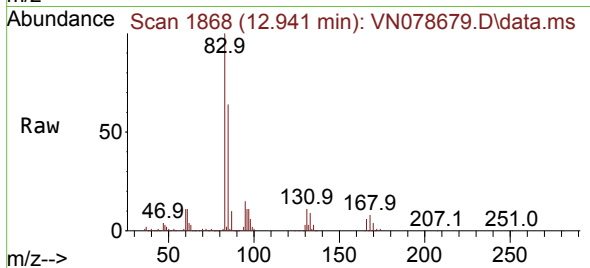
Tgt Ion: 83 Resp: 288754

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 63.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 30.567 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078679.D

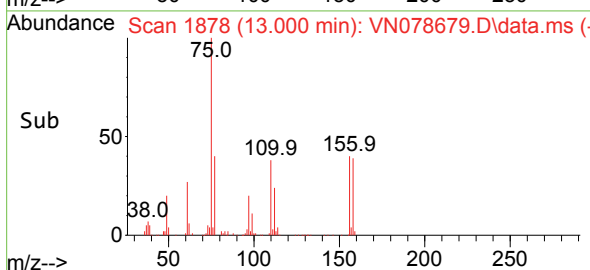
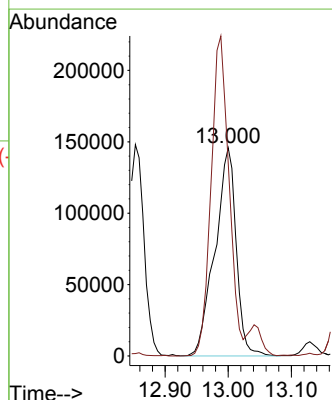
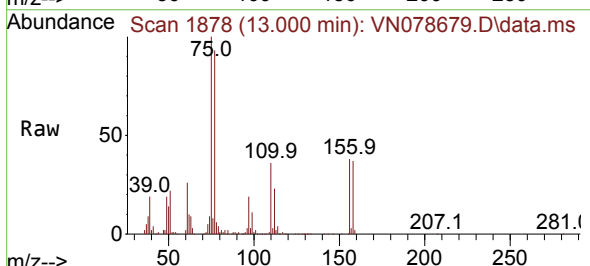
Acq: 28 Jul 2023 12:24

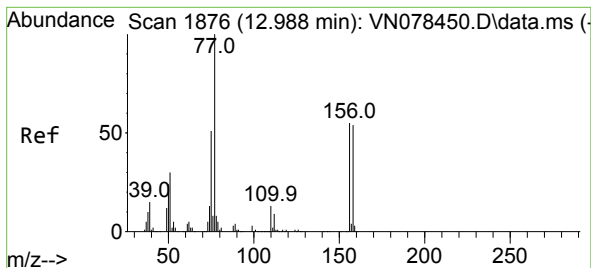
Tgt Ion: 75 Resp: 341332

Ion Ratio Lower Upper

75 100

77 129.3 84.5 253.5





#77

Bromobenzene

Concen: 19.948 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

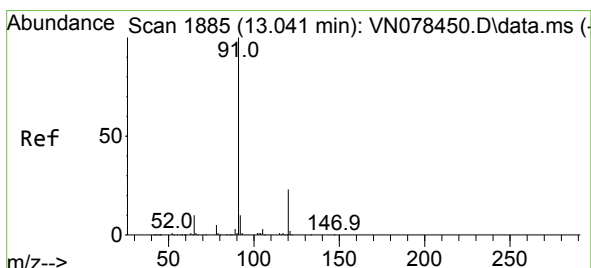
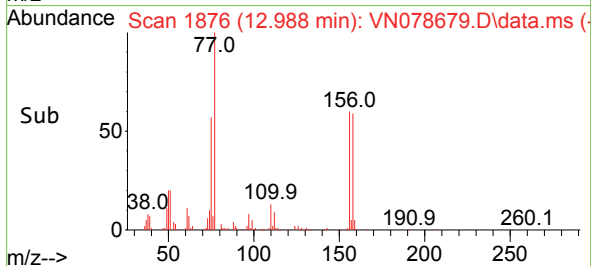
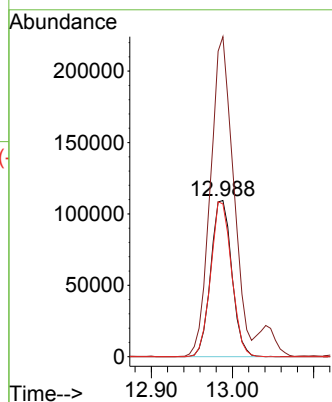
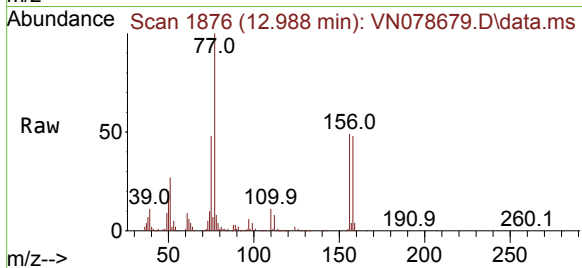
Tgt Ion:156 Resp: 197081

Ion Ratio Lower Upper

156 100

77 223.9 107.7 323.3

158 98.1 48.4 145.3



#78

n-propylbenzene

Concen: 20.144 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078679.D

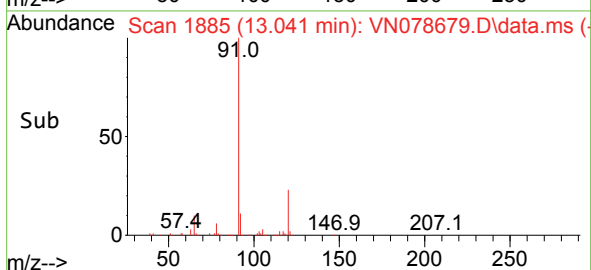
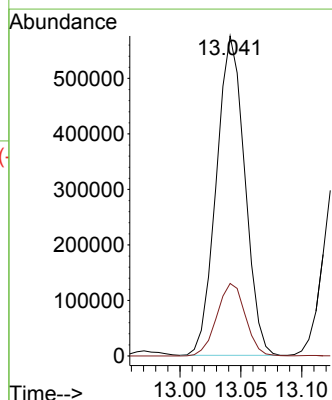
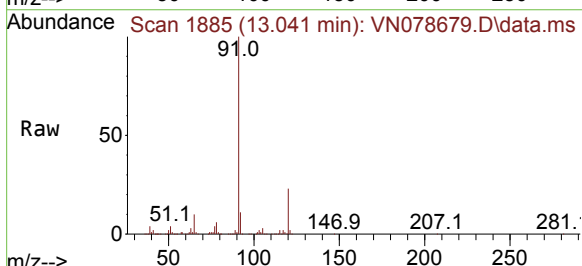
Acq: 28 Jul 2023 12:24

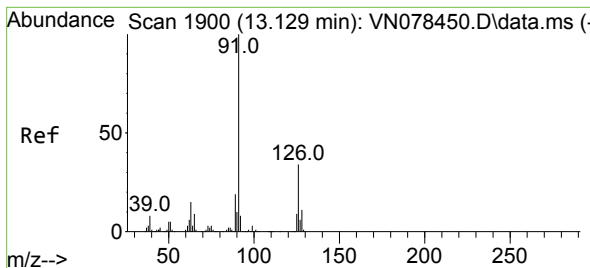
Tgt Ion: 91 Resp: 935183

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

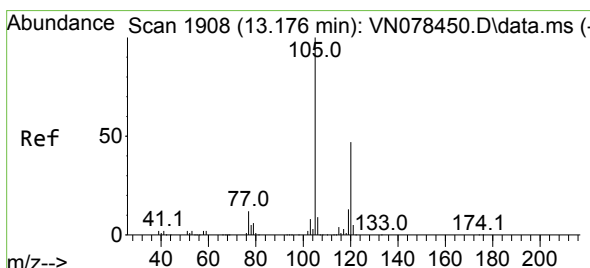
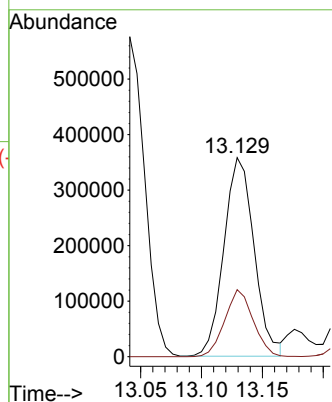
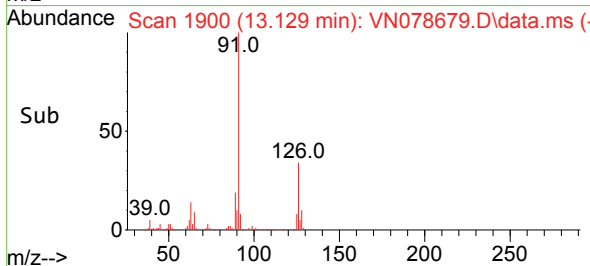
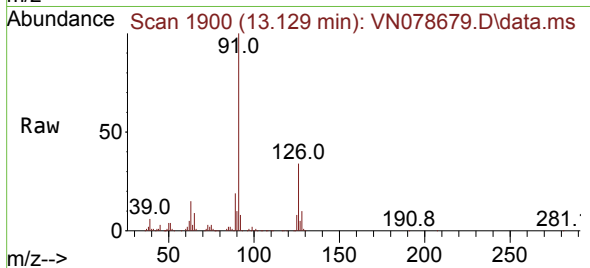




#79
2-Chlorotoluene
Concen: 20.357 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

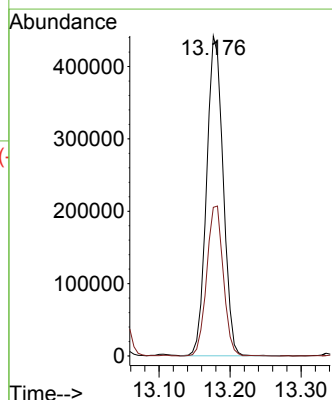
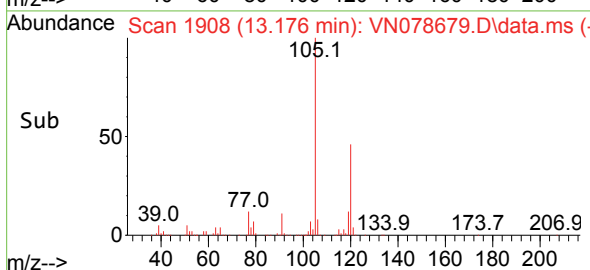
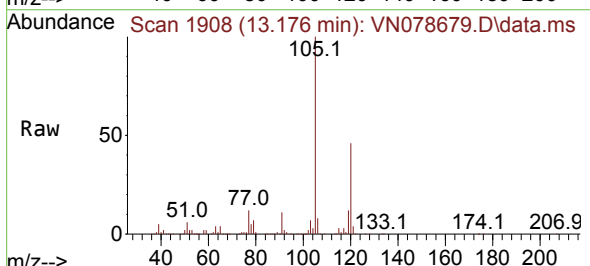
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

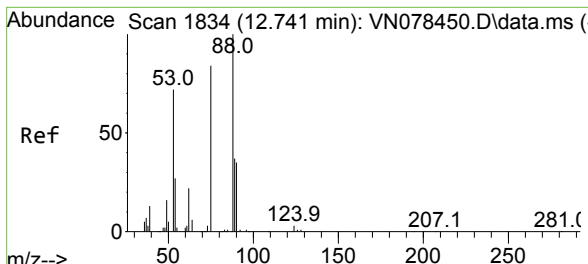
Tgt Ion: 91 Resp: 619010
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.866 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 105 Resp: 715681
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3

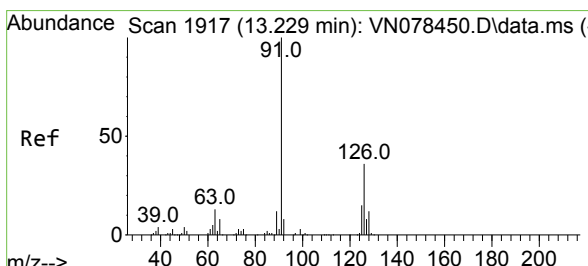
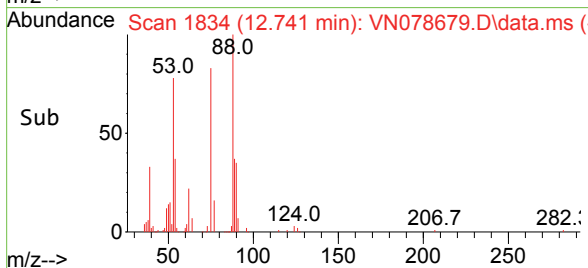
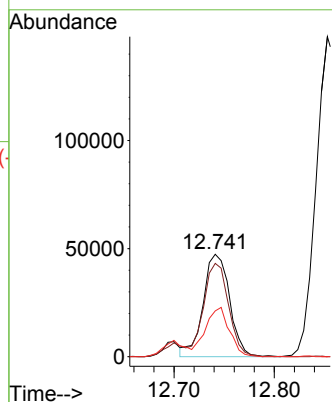
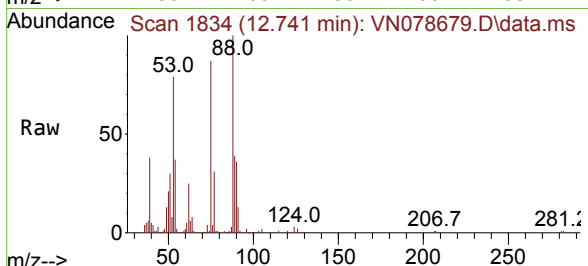




#81
trans-1,4-Dichloro-2-butene
Concen: 20.459 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

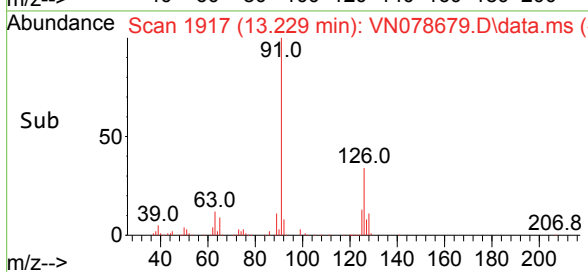
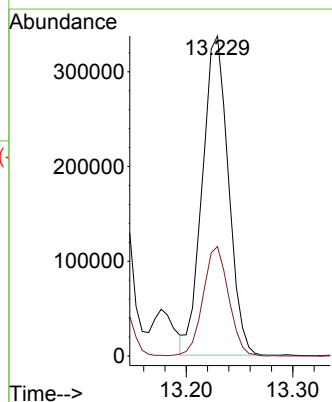
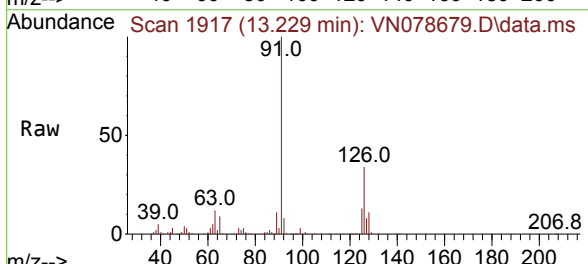
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

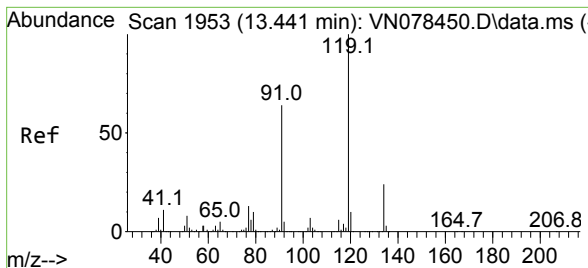
Tgt Ion: 75 Resp: 86937
Ion Ratio Lower Upper
75 100
53 86.4 67.4 101.2
89 43.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.242 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 91 Resp: 574195
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.570 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

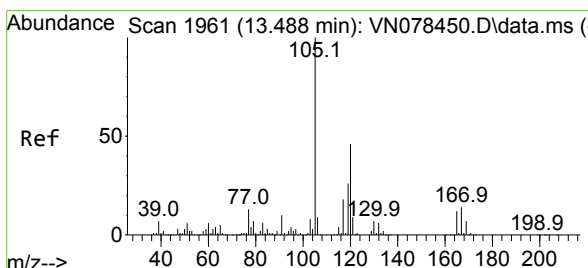
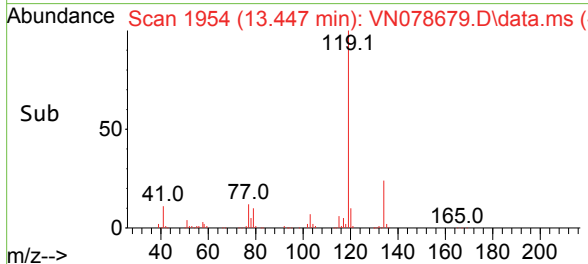
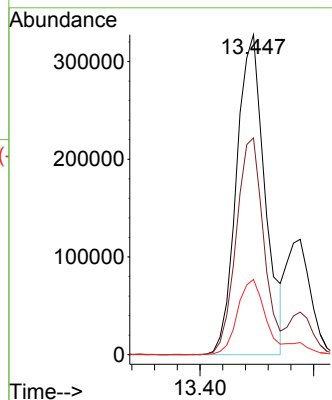
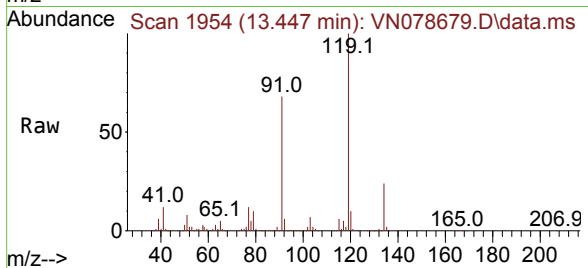
Tgt Ion:119 Resp: 569879

Ion Ratio Lower Upper

119 100

91 65.6 33.9 101.7

134 25.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.452 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078679.D

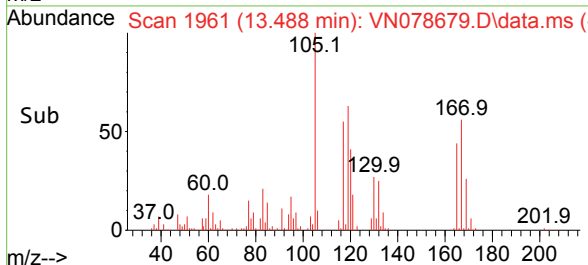
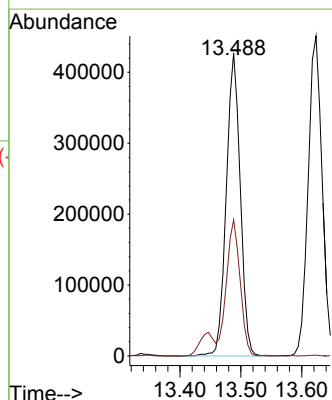
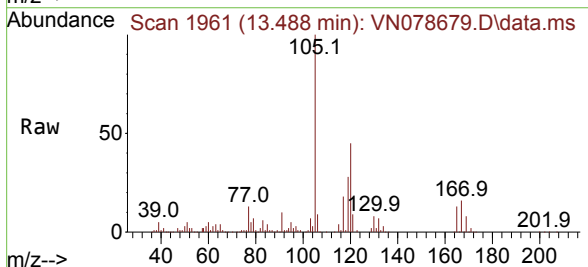
Acq: 28 Jul 2023 12:24

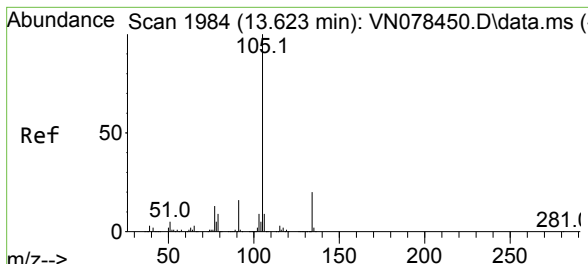
Tgt Ion:105 Resp: 681366

Ion Ratio Lower Upper

105 100

120 44.2 22.0 66.0

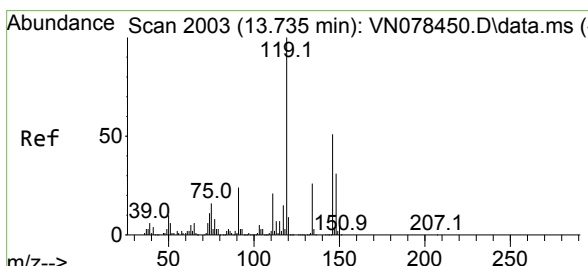
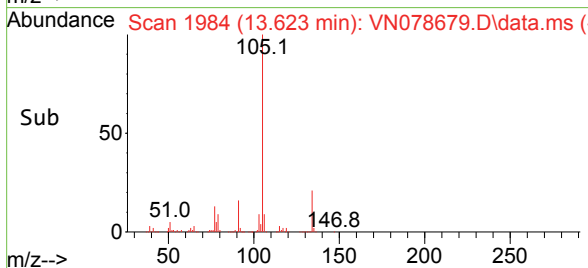
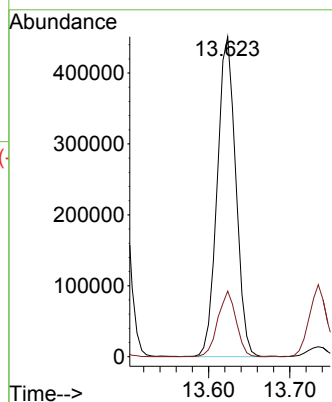
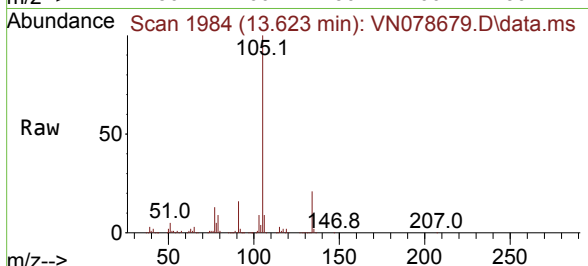




#85
 sec-Butylbenzene
 Concen: 19.514 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

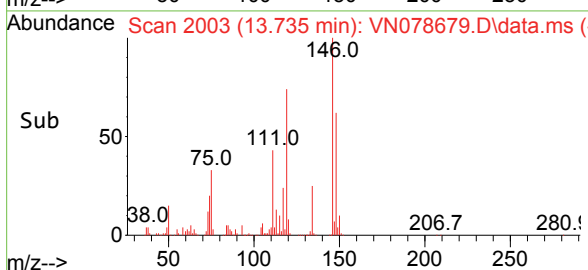
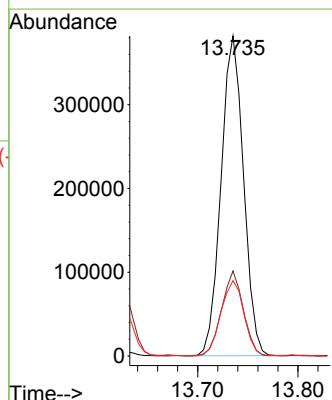
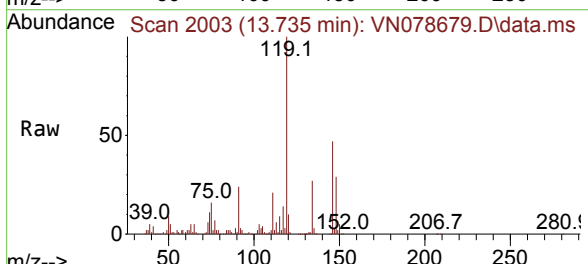
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

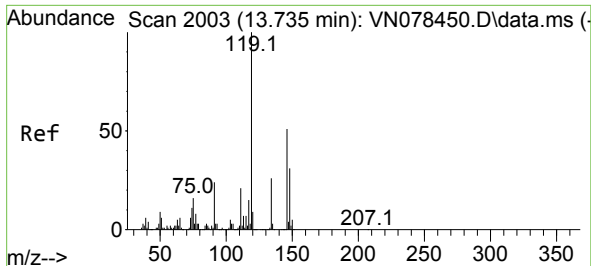
Tgt Ion:105 Resp: 718275
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.104 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

Tgt Ion:119 Resp: 594185
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.1 12.4 37.2

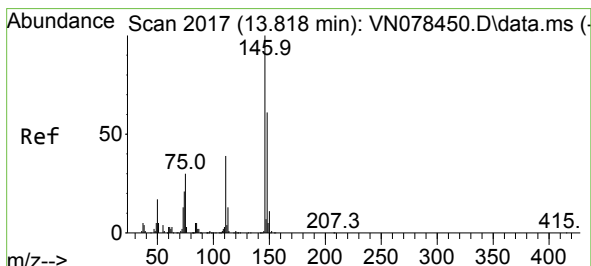
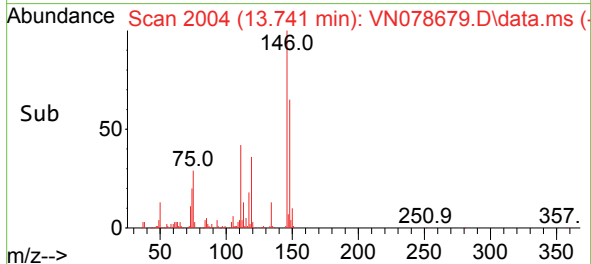
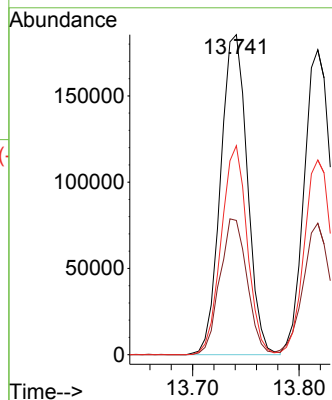
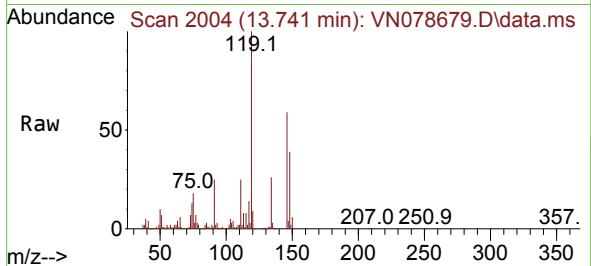




#87
1,3-Dichlorobenzene
Concen: 19.404 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

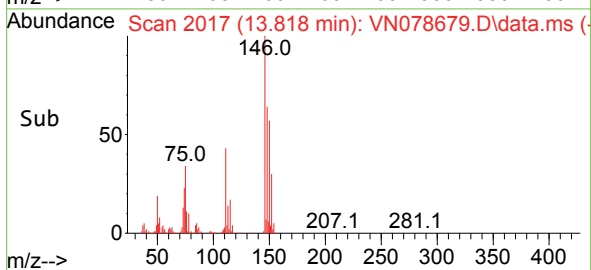
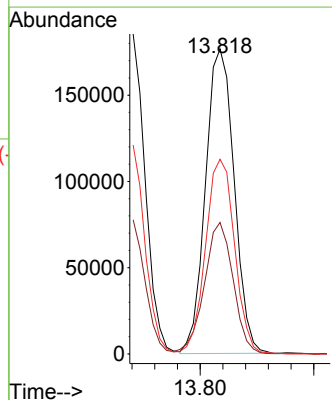
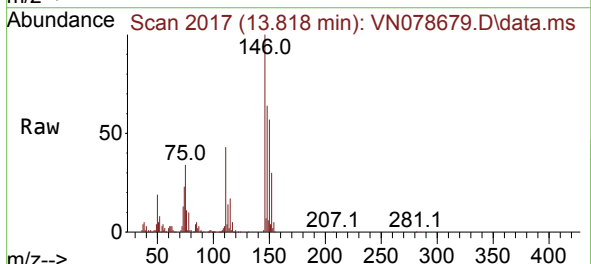
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

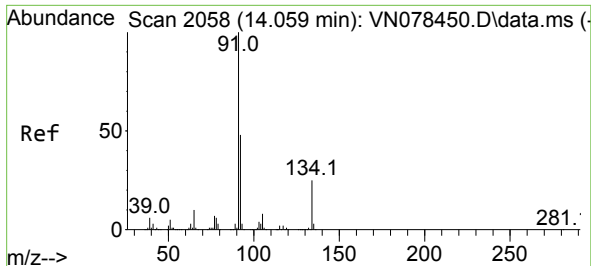
Tgt Ion:146 Resp: 323366
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.3
148 63.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.428 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion:146 Resp: 309324
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.8
148 65.0 31.6 94.8

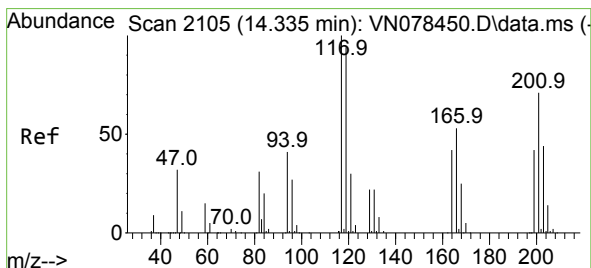
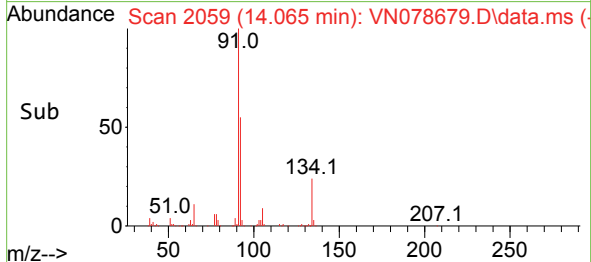
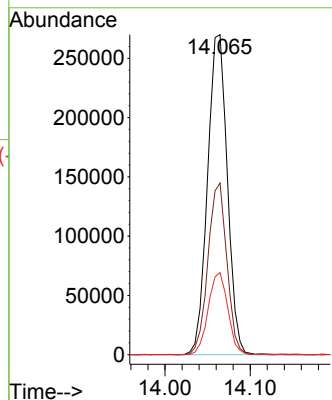
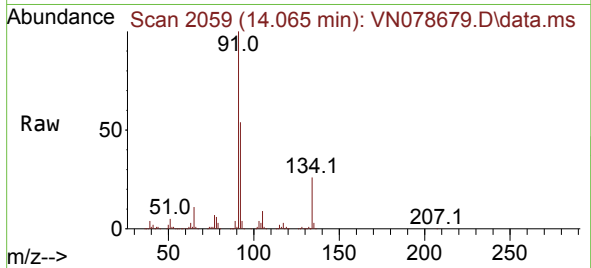




#89
n-Butylbenzene
Concen: 20.611 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

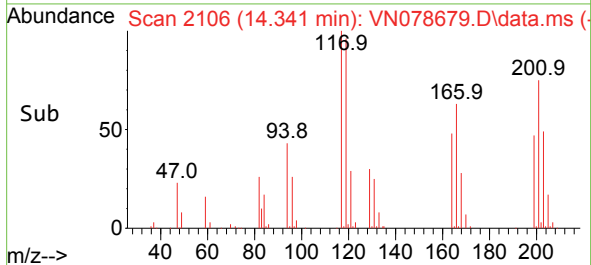
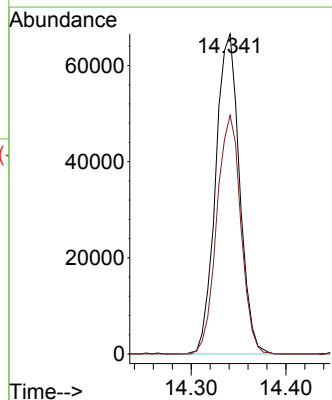
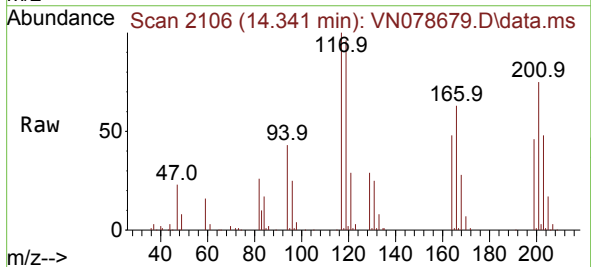
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

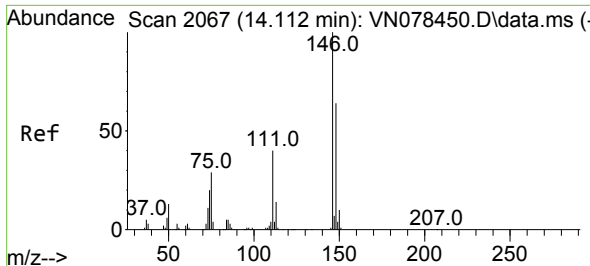
Tgt Ion: 91 Resp: 435851
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 25.4 12.6 37.6



#90
Hexachloroethane
Concen: 21.004 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 117 Resp: 116667
Ion Ratio Lower Upper
117 100
201 75.1 29.3 88.0

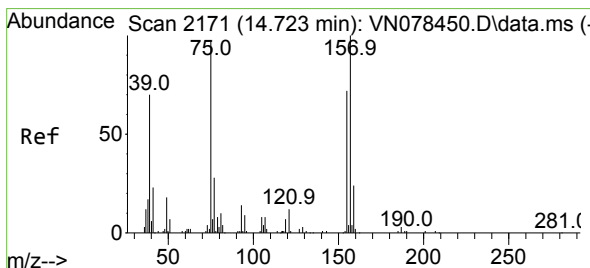
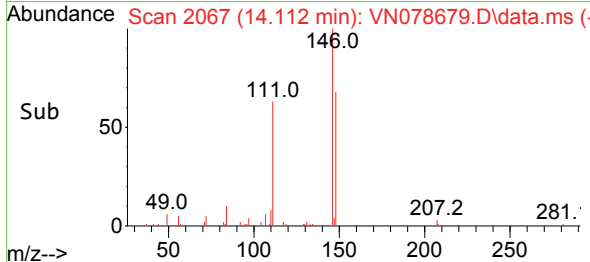
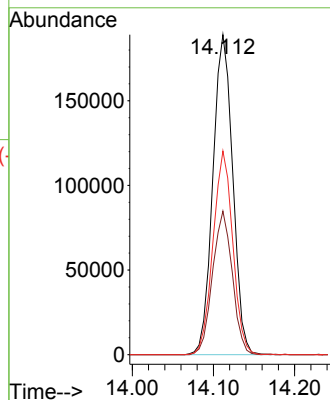
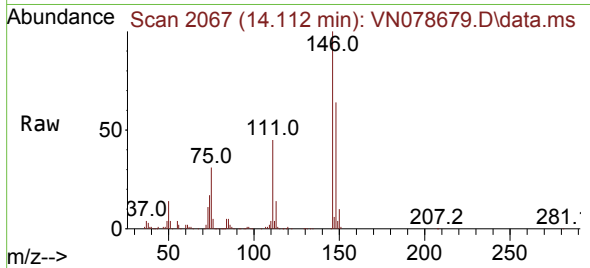




#91
1,2-Dichlorobenzene
Concen: 19.403 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

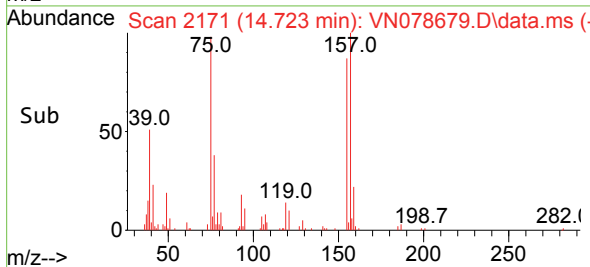
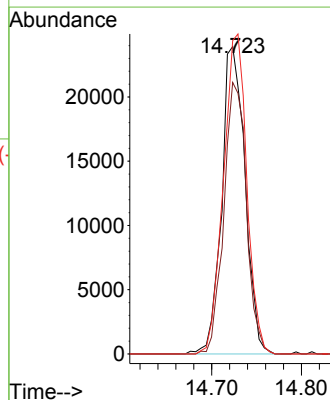
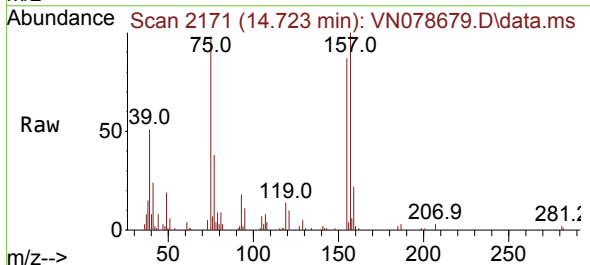
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

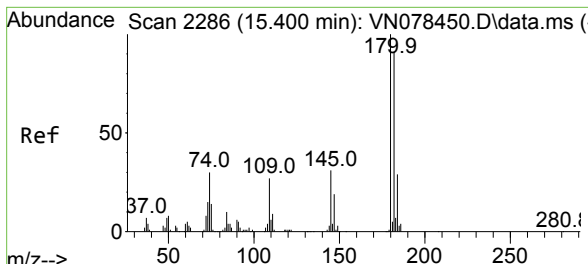
Tgt Ion:146 Resp: 321791
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 63.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.635 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078679.D
Acq: 28 Jul 2023 12:24

Tgt Ion: 75 Resp: 43227
Ion Ratio Lower Upper
75 100
155 85.4 39.1 117.2
157 104.5 50.3 150.9

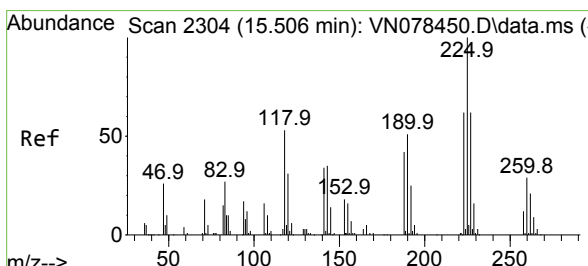
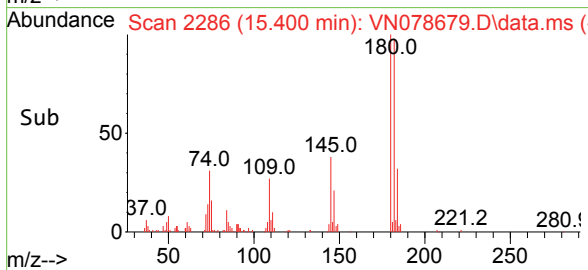
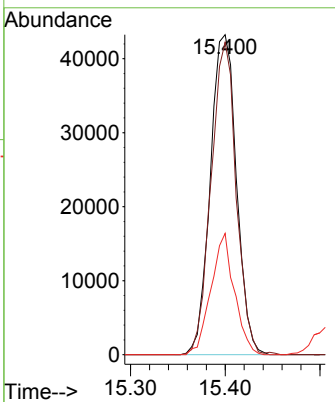
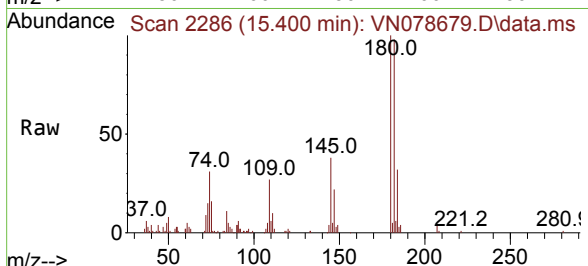




#93
 1,2,4-Trichlorobenzene
 Concen: 15.685 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

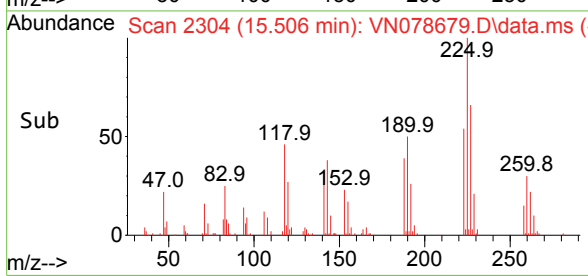
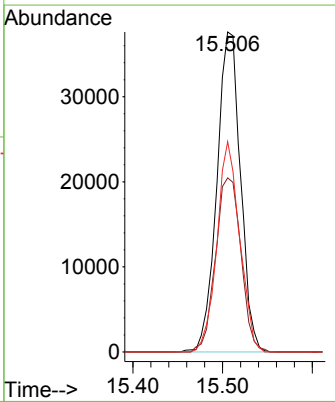
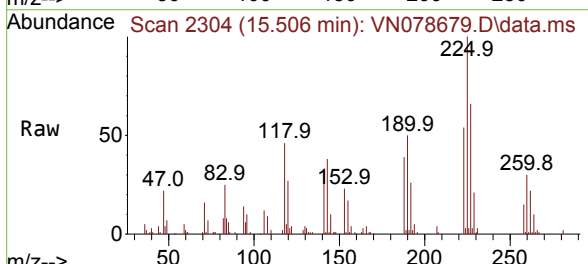
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

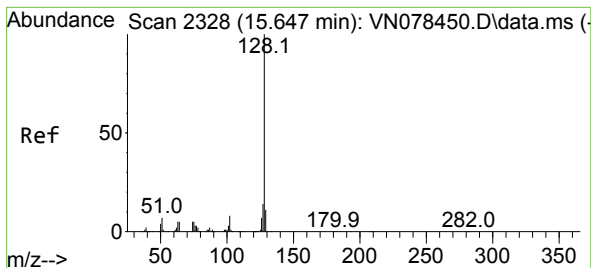
Tgt Ion:	180	Resp:	83021
Ion Ratio	Lower	Upper	
180	100		
182	94.0	46.1	138.2
145	34.0	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 22.851 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078679.D
 Acq: 28 Jul 2023 12:24

Tgt Ion:	225	Resp:	68724
Ion Ratio	Lower	Upper	
225	100		
223	58.5	31.3	93.8
227	63.1	31.9	95.9





#95

Naphthalene

Concen: 13.297 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

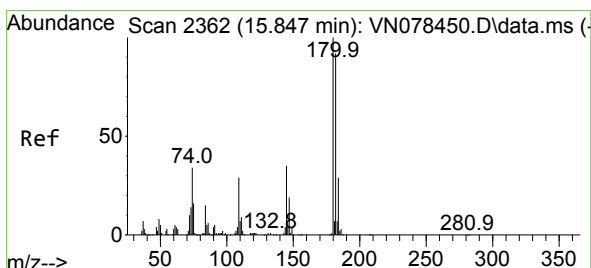
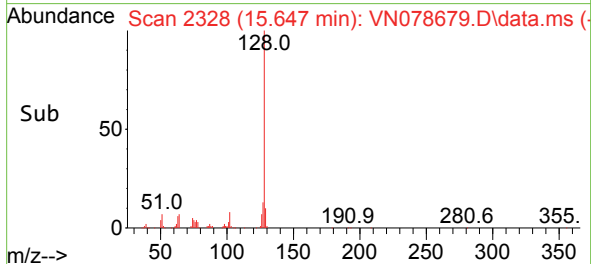
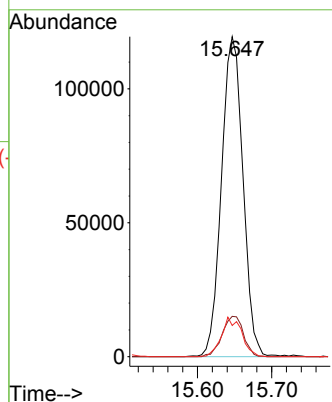
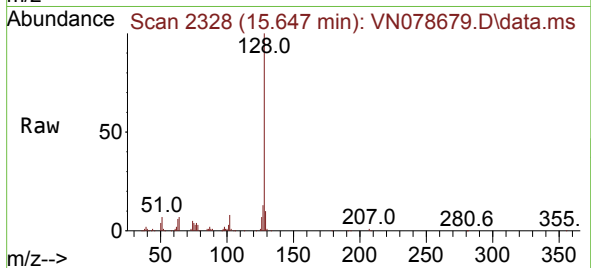
Tgt Ion:128 Resp: 240613

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.044 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078679.D

Acq: 28 Jul 2023 12:24

Tgt Ion:180 Resp: 97644

Ion Ratio Lower Upper

180 100

182 93.2 46.2 138.6

145 32.7 17.5 52.6

